HOLSTEIN-FRIESIAN WORLD

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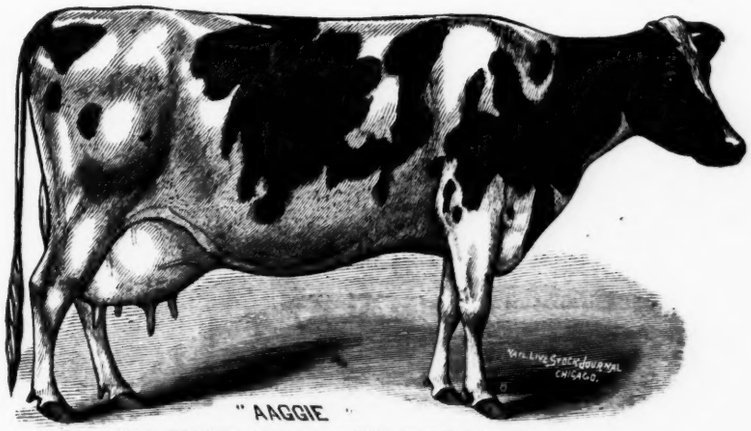

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J. G. WHITE & SON.

Holstein-Friesian World

VOL. V. ITHACA, N. Y., FEBRUARY 22, 1908. No. 4.

CONTENTS.

Frontispiece—Aaggie, 901, H. H. B.
Breeders' Directory..... 64
H.-F. Association Directory..... 65
Lactic Acid 65
Study Table:
Who or What Rules..... 66
Holstein-Friesians the Only Cows Yielding a Profit..... 66
Ohio Holstein-Friesian Association.. 67
Conflict in Farm Names..... 67
Field Notes..... 67
Illustration—Tirania Yankee 2d.... 68
Summary of Official Records..... 68
Nuggets 68
Editorials:
The Really Broad-Minded Man... 70
Questions Answered..... 70
Tuberculosis Yet..... 70
New Advertisements..... 71
Report of the Glissmann Sale..... 72
Breeders' Bulletin Board:
The Clark Farm..... 73
Moyerdale Herd..... 73
Lakeland Herd..... 73
Greenwood Herd..... 73
Home Circle:
Poem—The Man Who Wins..... 75
Selections 75
Conscript of 1813..... 75
TRANSFERS—List for Week Ending Dec. 7, 1907..... 76
Official Records of Holstein-Friesian Cows 77
Transfer List Week Ending Dec. 14. 80
List for Week Ending Dec. 21, 1907. 82

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Life Membbership, $25.

Advanced Registry and Official Testing in charge of superintendent as above.

Mills, Ferry.

LACTIC ACID.

By Dr. Tremaine Ward, Napanee, Ont.

"Among the useful bacteria the place of honor should be reserved to the lactic bacilli. They produce lactic acid, and thus prevent the development of butyric and putrefactive ferments which should be regarded as some of our redoubtable enemies."—Metchnikoff.

"The bacteria surviving pasteurization are for the most part the quick growing bacteria of putrefaction which are inhibited in raw milk by the lactic acid bacteria; but in pasteurized milk they multiply very fast and undoubtedly they are capable of generating poisonous substances."—Jensen.

It is owing to this inhibitory, or antiseptic quality of lactic acid, which is produced by certain bacteria, from lactose or milk sugar, that buttermilk and sour milk are healthy food. They prevent the development of putrefactive ferments in the intestinal canal.

Of late years there has been considerable said about the longevity of certain people who use sour milk extensively.

The products of putrefactive bacteria in the intestinal tract, called ptomains, cause auto-intoxication, resulting in headaches and more serious troubles. There is reason to believe that, as a habitual poison in the system, they lead to arterial degeneration—"and a man is as old as his arteries." It is thus seen that buttermilk may indirectly lead to longevity, though people are not wanting to claim that lactic acid actually removes calcareous deposits from the arteries.

There are many bacilli that produce lactic acid, and it is probable that all varieties are not equally desirable. The bacillus that produces good flavored butter and buttermilk seems to be naturally found in good milk and a comparatively pure culture may be purchased. "Lactic ferments," Conn's Bacillus, No. 419, Park Davis & Co., of Detroit, supply a culture in tablet form.

By some of these means it should be easy to have "curdled milk" or buttermilk as an addition to the diet of many people who are liable to think it is unavailable, and when it comes to churn made buttermilk it must be unavailable to nearly all but country and village residents.

For many people whole milk, acted upon by the lactic acid culture, would be preferable to that robbed of its fat, but it is not so much for its food qualities, in the ordinary sense, as for its health-giving qualities that the writer is bringing it to the notice of the readers of The Holstein-Friesian World.

Skimmed milk can be utilized in this manner and should be preferable to the whole milk for the over-fed, which are more common than the under-fed in this land of plenty.

In conclusion the writer would say a word about the danger of "fads" arising and discrediting any useful thing or method.

Water used internally and externally has curative effects in some conditions, but to carry it to excess and expect to cure all ailments with which man is afflicted, by a hydropathic institute, is the work of the "faddist." The electric fad, the sun bath and blue glass fads, and walking barefoot on grass, are samples.

The regular doctor makes use of suggestion and encouragement to very good ends, but the "faddist" would discard everything but faith.

Now since there has been, more than formerly, attention given to lactic acid ferments, we may expect a variety of products on the market claiming to be wonderfully curative of all ailments on account of the lactic caid produced by a special breed of bacillus working on the milk of a special breed of cows; and institutes for treatment of neurasthemia, bald heads, corns and "brain storms" by sour milk diet, whey baths and Dutch cheese pills. Then the "faddist" in religious affairs will call to mind that Abraham set curdled milk before his visitors, and advise people to do likewise, and to go to heaven by the milky whey.

We believe some milk stations produce what is sold as buttermilk from the skimmed milk, and it should be a very good use to make of milk after the cream is removed. A certain degree of freshness to the product is necessary.

Products of fermentation of milk by yeast have been favorably received. They contain gas and a small percentage of alcohol. They are not so desirable as the lactic acid products. In fact, their merit is probably due to the small amount of lactic acid which they do contain. The expense of preparation and care of the products of yeast

ferments will prevent the extensive use of them.

The prospects are that the milk supply will continue short of the demand for a long time. The breeders of Holsteins neeed no airships to go after the silver linings of the clouds. Their black and white clouds have the silver lining, but ,as Bret Harte says, "that's an 'udder' story.". T. W.

P. S.—Mr. Editor, if there is a cantankerous "champeen" of any little "yeller" kine who would like to say "At last they have found a use for the Holstein cow," just add this postscript for fear he might not think of it. Or if he wants to refer to golden lining, instead of silver, we'll remember our Shakespeare: "All that glitters [yellow] is not gold."

The Study Table

WHO OR WHAT RULES?

"We are trying to secure equality of opportunity for all; and the struggle for honesty is the same whether it is made on behalf of one set of men or of another."—Roosevelt in late message to Congress.

"Money has always ruled and always will rule."—Hon. Harris Lewis before N. Y. S. Dairymen's Association.

"When the storm is past we ask, How came a Washington just there? or a Lincoln just here? types of God's chosen agents a century apart—but it could not have been otherwise."—Henry Mills Alden in "God in His World."

It was at Syracuse, N. Y., more than twenty years ago. The annual meeting of New York State Dairymen's Association was being held there. Hon. Harris Lewis, its president for many years, was in the chair. The discussions had degenerated from strictly dairy topics to the general depression of agricultural interests then prevailing. Many farmers saw before them bankruptcy. They were not speculators, but prudent men, who had ventured a little ways into debt during the Civil War, or in the few prosperous years following it. Some of the men present, including the president, had been in the legislature. They were familiar with th work therein accomplished and the apparent forces that wrought such work in state and nation. In answer to an inquiry, Mr. Lewis made the oracular statement: "Money has always ruled and always will rule." I shall never forget the impression that this made on my mind and heart. I was shocked. I knew something of the corrupt influence of money at the ballot box, but little dreamed that it ruled our country.

I must now confess that for the half century up to the last inauguration of our president the evidence for the truth of this statement seems to be overwhelming. Nevertheless I have recently come to the conclusion that there is a mighty force under the surface of things, unrecognized by the mass of our people, that is surely destroying the rule of wealth. Its progress is slow but inevitable. Scientists call it evolution. Mathew Arnold called it "the power not of ourselves that worketh for righteousness." The influence of this power is strikingly manifest at the present time not only in this country but in every part of the world—in Russia, in Germany, in France, in England and in our own country. It is persistent, yet everywhere peaceable except in Russia, and there it is apparently growing peaceable. And what is astonishingly true, it seems to be originating and growing mainly among the so-called lower classes —the almost propertyless classes. It seems to be generally admitted that this growing influence preventd war in the recent imbroglio of Germany and France over Morocco. It is organizing now into an international brotherhood, called the Social Democracy. Sober men are in it, and erratic men are in it. It generally avoids the church—between it and the rulers of the Roman church there is intense antagonism. The Pope struck his heaviest possible blow against it in his encyclical on modernism, yet it is rapidly growing in Catholic as well as in Protestant countries. Its influence is also being felt in many churches.

What does it demand? Just what our energetic president says he is demanding and trying to secure—"equality of opportunity." I quote from one of its ablest advocates in church or state, Rev. Herman Kutter, of Zurich, Switzerland: "It is said that Social Democrats propose to reduce everything to a dead level; equal livelihood, equal rights, equal conditions and positions, equal duties—the dull grey equality in which all real life perishes. A 'cheap and nasty' criticism, the uglier because it tries to saddle the Social Democracy with the very sin it seeks to eradicate. It is not true that the Social Democracy demands equal position and outward conditions for all men. What it demands is the equal chance for the satisfaction of life's needs. . . . **The current claim that we now have equality of opoprtunity is a lie of Mammon's fashioning to still the public conscience.**" Compare these statements with those of President Roosevelt at the head of this article. It is marvelous how he has risen in public estimation by such utterances. They strike a familiar chord in the hearts of the common people. From whence is this chord? What is evolution and from whence does it come? Kutter says: "I am tempted to believe that there is today's revelation of God. . . . . The lesson of history is that there are two tendencies in the course of events to be kept carefully distinct; on the one hand there are systems of faith which various ages have set as unalterable norms of truth; on the other hand there is the **unceasing stream of vital development** which now sweeps away with violence and now gently lays away the most irreproachable systems; **they must give way to the higher truth.** On the one hand is man, always anxious to write eternities on the sands of his short existence; on the other hand is God ever wiping out these futile lines, and so **leading an upward-striving humanity** along the way to the eternal verities." This language defines for me evolution along the lines of human society and government. It rules the world. S. HOXIE.

HOLSTEIN-FRIESIANS THE ONLY COWS YIELDING A PROFIT.

Some work that the writer did in one of the New England States not long ago brought out certain results that may be of interest to Holstein breeders. Out of one hundred herds twenty-three had enough Holstein blood to be classed as Holstein grades. Forty-one were Jersey grades and thirty were natives. The Holstein grades were the only ones that averaged a profit above the cost of feeds. The Jersey grades came next in point of returns, and the natives were far in the rear. When it is considered that the figures were taken from creameries operated under the cream-gathering system, and the butter fat test was used in determining the payments, it will be seen that there were no specially favorable circumstances which would tend to place the competitors at a disadvantage.

The larger quantity of milk that was left on the farm for feeding purposes was not taken into the account, but the supposed higher cost of feeding was made to enter the problem. There were few if any pure-bred Holsteins in the lists, and little effort had been made to select producing strains in grading up the herds. It was mostly a haphazard grading and not made with any system or definite plan. By observing a well-planned system of breeding there would undoubtedly have been a nice profit resulting to practically all of the dairymen whose herds were in the list inspected.

H. H. LYON, Bainbridge, N. Y.

OHIO HOLSTEIN-FRIESIAN ASSOCIATION.

Westerville, O., Feb. 17, 1908.

Editor H. F. World:

We feel proud to submit the enclosed list as showing the result of the effort to organize an Ohio H.-F. Association, and yet it does not show the enthusiasm that was evidenced at the meeting which was held at Townsend Hall, O. S. U., the 13th inst. A. C. Snow was chosen to preside as President Eldon F. Smith and Vice-President C. W. Hoor were absent.

The constitution will be printed as soon as possible, and copies may be had on application. Anyone desiring to join this association can do so by applying to a member or addressing the secretary and paying the membership fee, which is one dollar.

We have been congratulated upon our success by Professor C. S. Plumb and other officers of the Ohio Live Stock Association and Ohio Dairymen's Association, and we are assured that co-operation will be had in preparing the programs for meetings next year. The secretary of the Ohio Jersey Association also congratulated us, but we found him carrying the badge of the Dairymen's Association in his pocket, as it was a picture of the world's champion dairy cow on an enameled button two inches in diameter.

If you can spare the space we would like to have the charter list published in full, as it will give persons desiring to joint the association a chance to apply to a neighbor, and see the names of those that are identified in advancing the interests of the breed in Ohio. Names that are receivd in time will be published in the list that will appear in the constitution, and all it costs is the membership fee.

Officers.

Eldon F. Smith, Columbus, President.

C. W. Horr, Wellington, First Vice-President.

F. G. Johnston, Columbus, Second Vice-President.

P. H. Sigrist, M. D., New Philadelphia, Third Vice-President.

A. G. Byers, Westerville, Secretary and Treasurer.

Members of the Board of Directors—For three years: Wesley Purdum, New Paris; Albert French, Lebanon; W. P. Carter, Cleveland. For two years: Jonas Derer, Camp Chase; C. A. Snow, Athens; John S. Daniel, Canton. For one year: J. C. Harner, Athens; J. R. Ross, Blanchester; E. S. Wertz, Wooster.

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Yours very truly,
A. G. BYERS, Sec'y.

A CONFLICT IN FARM NAMES.

I notice in a recent issue of the World, a paragraph speaking of some testing being done at a place which was designated Hillcrest Farm, but located in New York State.

This certainly astonishes me, as no doubt the gentleman who had the tests made was unaware of the fact that my farm has been called Hillcrest for years, and that I have spent time and money trying to build up a reputation for the farm with that trade name. In fact, I have preferred to have the name of the farm quoted rather than my own, because I hope to have Hillcrest Farm go on breeding the best Holstein cattle after I am dead and gone.

I wrote the Secretary of the Holstein-Friesian Association when the matter of farm names first began being discussed, and I have also had our name recorded under the laws of the State of Missouri.

I think as a matter of fair play, the gentleman could just as well call his farm by some other name. It would certainly avoid a great deal of confusion, even if no legal rights were invaded.

We use the name "Hillcrest" in connection with our young stock, and have done this for a number of years. Up to the time we began, the name "Hillcrest" did not appear in the official records of the Association, therefore, I think it will appeal to all fair minded people that we have a proprietary right to our name. The farm would certainly be much injured if other places were to spring up and assume the name by which this farm has been so long known.

GEO. C. MOSHER, Pres.,
Hillcrest Farm Co.

Field Notes.

Breeders, take notice! Mr. H. A. Moyer begs me to state that King Segis is to be a private bull at Moyerdale hereafter and will not be bred to any outside cows.

On February 12th we were advised that the condition of Dr. S. A. Robinson of Crozet, Va., was much improved and that his recovery was looked forward to with much assurance.

Notice of the regular monthly meeting of the Holstein-Friesian Breeders' Club of New York usually reaches us too late to be inserted in the issue of the World preceding the date of the meeting. If the secretary will get us the notice in time we shall be glad to publish it.

We think Henry Stevens & Son ought to have old Belle Korndyke tested for tuberculosis. It is a very "insidious" disease; you can't tell anything by a cow's physical appearance whether she has got it or not, and it sometimes develops very slowly, you know. She may have been incubating the disease for twenty years back—who knows?

Consul-General R. P. Skinner, of Marsailles, France, says that the "superiority of the French road system is due to the fact that their construction and maintenance is under the supervision of highly trained engineers directed by the national government." There are 23,656 miles of these "national highways" which have been constructed at a cost of $300,000,000.

You never can tell what a man may do by his looks. See what Wing R. Smith has done: Put Frenesta Hengerveld De Kol, 60550, in the front rank, only two places from the head of the procession—549.1 lbs. of milk, 25.796 lbs. of butter fat in seven days. We have been suspicious of Wing R. for some time. If you do not look out for him from now on there will be no one to blame but yourselves.

Superintendent Gardner's report, published in this issue, adds two more

cows to both the 20 and 80-lb. list. They are as follows: Genie Clothilde, aged 8y. 8m. 14d., produced 24.037 lbs. fat from 639.4 lbs. milk in 7 days, and 93,156 lbs. fat from 2,601.2 lbs. milk in 30 days, owned by W. W. Cheney, Manlius, N. Y.; Jannek Albina De Kol 3d, aged 4y. 7m. 10d., produced 23.770 lbs. of fat from 605.3 lbs. of milk in 7 days, and 93.199 lbs. of fat from 2,578.1 lbs. of milk in 30 days. This brings the number of those reported up to 127 and 63, respectively.

A bill has been introduced in the House of Representatives by Hon. Frank Currier which provides for the appointment of a "National Highway Commission." The National Grange is backing this bill in accordance with the resolution passed at their last annual meeting. The bill is No. 15,837, and known as the "National Highway Act." It provides for three commissioners to be appointed by the President, each drawing a salary of $5,000 a year. This commission is to co-operate with State, county and township authorities in providing and maintaining a complete system of properly constructed highways. The bill calls for an appropriation of $50,000,000.

Consul Thomas H. Norton in a report from Chemnitz gives an account of a process of preserving eggs by desiccation. The process was invented by a chemist of Victoria, Australia, where a plant has been erected for the manufacture of "egg powder" on a large scale. The eggs are evaporated at the low temperature of 130 degrees F. in retainers from which the air has been exhausted. When thoroughly desiccated the substance is ground into a coarse powder. It is said that there is no alteration in the chemical composition of the eggs, and that they are reconstructed by the simple addition of water, the resulting batter being undistinguishable from newly beaten eggs. The advantages claimed are: absence of loss from breakage, low cost of transportation and the certainty of securing an absolutely fresh article.

Professor H. H. Wing, of Cornell Agricultural College, has representativse superintending tests as follows:

I. U. Scott, D. B. Andrews, Syracuse; C. D. Gaylord, John Arfmann, Middletown; A. C. Spencer, George F. Blewer, Newark Valley; R. F. Vrooman, H. L. Bronson, Cortland; C. W. Newell, J. W. Dimick, Rifton; W. B. Smith, E. H. Dollar, Heuvelton; H. E. Austin, E. W. Ecker, Hartfield; C. F. Mason, H. S. Gordon, Kerhonkson; W. H. Van Dine, A. A. Hartshorn, Hamilton; F. H. Ryan, F. R. Hazard, Syracuse; W. C. Truckell, Wililams Bros., Deerfield; F. A. Chase, Lamb & Langworthy, E. Hamilton; C. S. Moore, W. A. Matteson, Utica; H. A. Terpenning, Dr. E. E. Cady, Goshen; O. F. Ross, S. C. Brown, Clifford; W. E. Thompson, Freeborn Bros., New Woodstock; W. H. Lyon, E. A. Powell, Syracuse; C. B. Dunlop, Wing R. Smith, Syracuse; J. W. Evans, J. A. Stanton, New Woodstock; F. E. Bailey, Stevens Bros.-H. Co., Liverpool; Rolla Van Dorn, H. Stevens & Son, Lacona; J. B. Horn, Swartout & Jarvis, Hartwick Seminary; H. C. Collins, E. H. Knapp & Son, Fabius; D. R. Nettleton, R. P. Kutschbach, Sherburne; E. W. Avery, T. A. Mitchell, Weedsport; W. H. Clark, M. S. Nye, Preble; L. L. Devereaux, H. H. Waite, Adams; E. S. Brown, W. B. Whitlock, Warwick.

TIRANIA YANKEE 2D, 43596.
Butter fat in 7 days, 16.528 lbs. Owner, E. S. Robinson, Forestville, N. Y.

SUMMARY OF OFFICIAL RECORDS FROM JAN. 9 TO JAN. 25, 1908.

Unless otherwise mentioned, these records are for a period of seven consecutive days. They are made under the careful supervision of State Agricultural Colleges and Experiment Stations, and their accuracy is vouched for by them; no private records are reported by the Holstein-Friesian Association.

During the period from January 9th to January 25th, 1908, records for 126 cows were accepted, of which seven were begun more than eight months after calving. Of the 119 ordinary records reported one was extended to fourteen days and five to thirty days. The averages by ages were as follows:

Thirty-seven full-aged cows averaged: age, 6 years, 9 months, 21 days; days from calving, 28; milk, 461.9 lbs.; per cent. fat, 3.40; fat, 15.705 lbs. Twelve senior four-year olds averaged: age, 4 years, 10 months, 12 days; days from calving, 34; milk, 467.2 lbs.; per cent. fat, 3.57; fat, 16.670 lbs. Six junior four-year olds averaged: age, 4 years, 3 months, 13 days; days from calving, 48; milk, 407 lbs.; per cent. fat, 3.48; fat, 14.182 lbs. Fifteen senior three-year olds averaged: age, 3 years, 8 months, 8 days; days from calving, 35; milk, 380.3 lbs.; per cent. fat, 3.3[illegible]; fat, 12.892 lbs. Eight junior three-year olds averaged: age, 3 years, 2 months, 26 days; days from calving, 36; milk, 342.7 lbs.; per cent. fat, 3.47; fat, 11.877 lbs. Fifteen senior two-year olds averaged: age, 2 years, 10 months, 2 days; days from calving, 41; milk, 334.2 lbs.; per cent. fat, 3.32; fat, 11.112 lbs. Twenty-six junior two-year olds averaged: age, 2 years, 1 month, 5 days; days from calving, 46; milk, 291.2 lbs.; per cent. fat, 3:35; fat, 9.754 lbs.

This herd of 119 animals of all ages produced in seven consecutive days 46.171.6 lbs. of milk containing 1,574.864 lbs. of butter fat, showing an average of 3.41 per cent. fat. The average yield for each animal was 388 lbs. milk containing 13.234 lbs. of butter fat, equivalent to 55.4 lbs. or nearly 27 quarts milk per day, and nearly 15½ lbs. of the best commercial butter per week.

The main points of interest in this

(Continued on page 71.)

NUGGETS.

Living is a costly experiment.

Is a big fool a worse fool than a little fool?

Is it a fact that a square deal necessitates corners in trade?

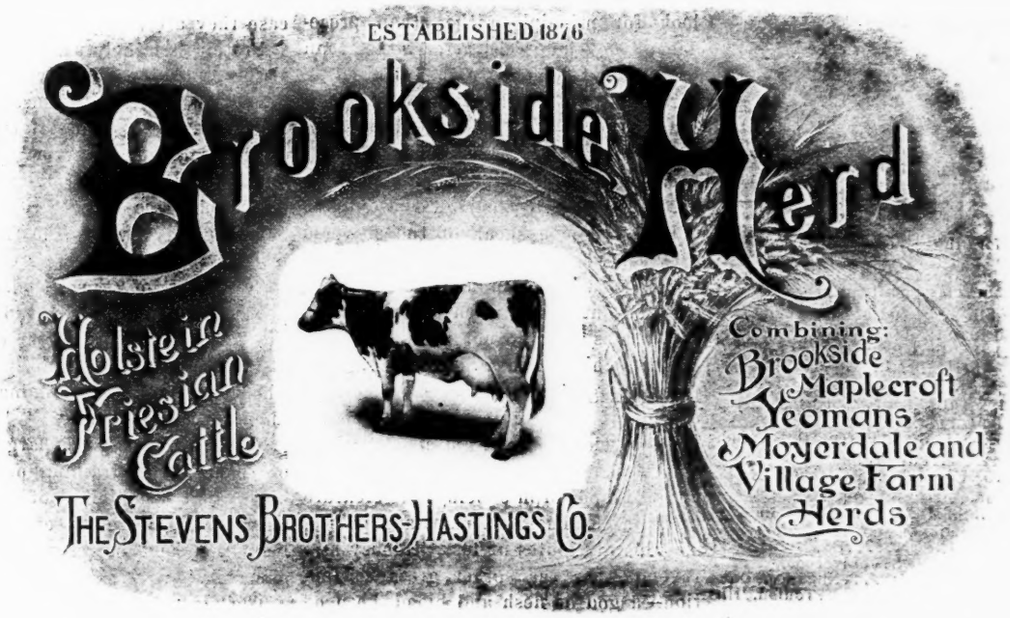
Records are always broken in the process of improvement.

Emerson says that "Every man's task is his life preserver."

If you would make a hit, you must be onto the other fellow' curves.

We wonder if the churches will refuse to accept the godless dollar when dropped in the contribution box.

Pope says, "The proper study of mankind is man;" but mankind is "bughouse," therefore, the proper study of mankind is "bugology."



DEAR READER: Liverpool, N. Y., Feb. 13, 1908.

MR. MOYER is doing much to make King Segis famous, but just now the daughters of this great young sire are doing more. The talk has been that King Segis is the only bull whose three nearest dams are all 28-lb. cows or better (his sire's dam being a 29-lb. cow); but now it can be added that King Segis is the only bull whose first four daughters to come in milk have made A. R. O. 7-day butter records averaging over 19 lb. each at two years old, one getting as high as 21.12 lb. at 27 months old.

MR. MATTESON, in a recent article on the Duchess Ormsby family, presented a list of 45 members of this family, including Duchess Ormsby and her sisters, with their daughters, granddaughters and great-granddaughters, whose average per cent of fat in their official 7-day butter tests was 4.08; and he adds: "The above list demonstrates that to test high in fat is beyond question a fixed trait in the Ormsby family; that the family is strongly prepotent in this respect, as manifested in remote generations; that no other family of our breed has so many descendants through the femal line testing so high in fat; that the way to increase the fat standards of our herds is to breed for it, which is easily done by the use of animals from families that have this fixed trait."

MR. KELLOGG, President of the H.-F. Association of America, in his address before the latest annual meeting mentioned Pauline Paul as having been bred to a son of De Kol 2d, the noted sire, Paul De Kol, resulting from this cross, and De Kol 2d later producing by him the prepotent bull, De Kol 2d's Paul De Kol, sire of 45 A. R. O. daughters, including several that have been World's Champions and one that today holds the World's Record as a 4-year old. Continuing, President Kellogg said: "He was the greatest bull of his day, if not of any day, unless he is excelled by his own son. De Kol 2d's Paul De Kol in turn sired Paul Beets De Kol, who is today the greatest sire of the breed. He is sire of 79 A. R. O. daughters, twenty-nine with records of over twenty pounds, six with records better than twenty-five pounds, one with a record of 32.05 pounds, and two two-year-old daughters with records of over twenty pounds, and ten sons who have sired thirty-three A. R. O. daughters. He is the only sire in the world that has sired a thirty-pound cow, who has a sire that has also sired a thirty-pound cow."

IN WHAT BETTER WAY can you breed along the lines recommended by these representative Holstein authorities, Messrs. Kellogg, Matteson and Moyer, than by placing at the head of your herd a bull sired by **King Segis, and from a Duchess Ormsby daughter of a Paul Beets cow? We know of only one such bull, and that is Riverside King Segis, born January 5, 1907. He is a superb individual, well developed, robust and vigorous; and in color is about three-fourths black, handsomely marked.**

THE DAM'S SIDE of a bull's pedigree is just as important as the sire's. A King Segis bull ought to be a good one, but a King Segis bull from Riverside Ormsby De Kol ought to be one of the very best. The dam of Riverside King Segis is Riverside Ormsby De Kol. At 2 years 2 months old she made an A. R. O. record of 11.86 lbs. butter in 7 days under very unfavorable conditions. At this writing she is again in official test, at 3 years, 3 months old, and is making a record of between 17 and 18 lb. butter in 7 days from only three teats. She is a daughter of Duchess Ormsby Butter King and Riverside De Kol, with an A. R. O. record of 451.4 lb. milk, 21.88 lb. butter in 7 days. She was by Paul Beets De Kol, and her dam is Winana Pietertje Netherland, the only cow that we know of having seven A. R. O. daughters. Of these seven daughters five are full sisters, three of which, including Riverside De Kol, average 20.67 lb. butter each in 7 days. One of these full sisters, Winana Beets De Kol, is the dam of our 25½-lb. 4-year old Winana Pietertje De Kol, and the latter is the dam of Winana Pietertje De Kol 2d, with a 3½-year A. R. O. record of 593.3 lb. milk, 24.33 lb. butter in 7 days, and Winana De Kol Korndyke, 563.8 lb. milk, 22.85 lb. butter in 7 days, A. R. O. Winana's Pietertje Netherland is one of the good A. R. O. daughters of Inka Princess' Pietertje Netherland, who sired such other great cows as Aaggie Grace 2d's Pietertje (the first cow to give 100 lb. milk in one day in official test, and without question one of the finest cows, individually, ever in Brookside Herd; she was a noted prize-winner at leading fairs throughout the United States and Canada); also Segis Inka, our noted 28-lb. dam of 28-lb. A. & G. Inka McKinley and 26-lb. 3-year-old A. & G. Burke Segis Inka.

TO SUM UP: Here is a splendid yearling King Segis bull, from our largest record Duchess Ormsby heifer, whose dam is a 21.88-lb. Paul Beets De Kol cow, and one of the seven A. R. O. daughters of Winana's Pietertje Netherland. We lack space for further details, but will say that of the animals in the first three generations back of him, or their sisters, twenty-four different cows and heifers have made A. R. O. 7-day butter records, averaging over 26 lb. each. This average includes the records of his dam at 3 years old and two of his 20-lb. junior 2-year-old sisters.

SUCH A BILL is a good investment at almost any price, and will pay big returns, no matter what he costs. We offer him to you for $300. Where can you find another that will make you a better purchase? We have a number of splendid young bulls, but only one Riverside King Segis.

Let us hear from you, whether you are looking for bulls or cows or heifers. We have a larger stock on hand than is usually the case at this time of year, and can fit you out with anything in good Holsteins.

Very truly yours, **THE STEVENS BROTHERS-HASTINGS CO.**

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Friesian, the Dairyman and the General Farmer.
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DAIRY INDUSTRY.
H. A. HOPPER, M. S....Purdee Univ., Ind.

THE STUDY TABLE.
SOLOMON HOXIE.....Ithaca, N. Y.

INFECTIOUS DISEASES OF CATTLE.
V. A. MOORE. B.S., M.D., Cornell Vet. College

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Approved cuts of meritorious Holstein-Friesian Animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

Advertising rates sent on application.

C. G. BROWN.

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Special Offer The Holstein-Friesian World will be sent anywhere in the United States one entire year, as a trial subscription, for 50 cents, paid in advance. To all other points the regular $1.00 rate will prevail. So long as this offer is published any subscriber will be credited four months on his subscription, or his herd will be published for four months in the Breeders' Directory, for every new subscription sent in, accompanied by the price as per above.

Editorials.

The Really Broad-Minded Man.

The really broad-minded man must be a versitile man. He must be able to turn his thoughts into more than one channel. He must have a wide range of vision, seeing more than is on the written page before him. He must not be wholly absorbed in his personal affairs—his own selfish aims, but he must reach out and encompass mankind; in all he does, keep in mind the welfare of the race.

The really broad minded man does not think that all goodness is bound up in his particular political party, or his particular church; he does not hold that all truth is contained in his particular creed; if a judge,, he does not think it necessary to always hunt up a precedent before rendering a decision. Such men look for principle rather than precedent; they judge character rather than profession, and look to the future welfare of all rather than the present personal gain.

Such men are often misunderstood because we interpret their language according to our own narrow conceptions. When such men speak of the universe they seldom think of a seven-day creation, but a stage in an infinite series of transmutations; when they speak of revelations they do not think, of a set of rules chiseled in a marble slab, or a printed page—theirs is an enlarged conception of truth as the result of growth and development of intellect; when they speak of God they do not picture an anthropomorphic being, a creature made in the image of man, and possessing his attributes of lust, jealousy and revenge, nor that other gross conception—a god of flesh and blood, born of a virgin and begotten of a ghost; their god is rather a personification of all the activities of the universe that proceed from that mysterious and inexhaustible fountain of energy, perceived but not comprehended or understood.

Questions Answered.

A subscriber wants to know why some black hens lay white eggs and some white hens lay colored eggs; also, why horses require a wider ration than dairy cows.

While the Holstein-Friesian World is not a poultry paper and does not pose as authority on poultry topics its understanding is that there are some persistent characteristics that distinguish all Asiatic breeds from all European breeds. The Asiatics are characterized by sluggish temperament, large size, feathered legs and colored eggs. The European breeds, by nervous temperament, small size, bare legs and white eggs. A union of two or more of these distinctive characters would indicate a crossing of the Asiatic and European breeds. A moderate sized white hen with bare legs and laying a colored egg would illustrate such a cross.

The second question, "Why does a work horse require a wider ration than a dairy cow?" is one which deserves careful consideration. Every observer knows that continuous or violent exercise is not conducive to the production of the greatest amount of milk. A cow will secrete the most milk when her feed is brought to her and she is allowed to lie quietly in her stall. Her breathing will be slow and easy. On the other hand, everyone has observed the heavy and forced breathing of a horse drawing a heavy load up a steep incline, and how soon he begins to sweat and lather. In the one case proteids are merely secreted; in the other case they are being expended.

Protein is largely used in building up tissues and repairing waste carbo-hydrates in producing muscular energy and heat. The potential chemical energy which binds together the complex elements in the food molecule brought by the blood, is changed to kinetic muscular energy when the molecule is broken up. The carbon is consumed by the oxygen of the blood, producing heat, which is directly radiated from the body or removed in the evaporation of sensible or insensible perspiration. The waste product is eliminated by the lungs as carbondioxide.

Secretion of milk is largely a work of selection, a straining out from the blood and combining of certain elements. These are not expended in the body but held in reserve as food for offspring.

The average nutritive ration of milk is near 1:3.6. As this is natures' own prepared food, it should be about right, but it is prepared for a growing animal, to be largely expended in the production of new tissues, and, therefore, is narrower than would be economically required by a mature animal where the main object is the production of muscular energy. This, then, we think, affords a hint as to why the work horse requires a wider ration than the dairy cow.

Tuberculosis Yet.

It is related that a man, once upon a time, returned home late from his club and fell asleep while his wife was giving him a curtain lecture. Sometime later he awoke and heard more of the same sort whereupon he asked "Are you going it again, or yet?" So to be explicit we say "Tuberculosis Yet."

This office is being flooded by matter emenating from various sources on the subject of Tuberculosis. If we were to print it all we would have little room for anything else. We are belabored by the statements that Dr. Moore says 72 per cent. of the herds of the state are tuberculous, that Dr. somebody else says 91 per cent. of the people of the country have tubercules concealed somewhere in their anatomy, that science has demonstrated the communicability of tuberculosis from cattle to man, etc.

Now we are not in a position to controvert any of these statements, but we do bear in mind that all of these doctors, and veterinarians, and milk inspectors, and health officers must have an excuse for being, and for drawing their salaries. We do realize that if a veterainarian has pronounced a cow tuberculous, and has had her killed, it is up to him to find a tubercule, and though the tubercule is no bigger than a pea, and long since healed, it makes

no difference, the cow is tuberculous and his diagnosis is vindicated. But we are told that this is an "insidious" disease, and that an insisted tubercule is liable to become active again at any time. Granted. And likewise any man is liable to die with a broken neck, though the chances may be a million to one that he will not. If 91 per cent. of the human family are actually tuberculous, when we consider what a comparatively few people die from the disease we must conclude that it is not such an awful "insidious" disease after all.

But "the transmissability of tuberculosis from the bovine to man has been demonstrated." Possibly, though we have yet to learn of a single case where it has been absolutely proven that tuberculosis ever has been transmitted from the bos to the man. If as we should be led to believe, the human anatomy is the seventh heaven of bliss for the bovine tubercule, and, if 72 per cent. of our heards are tuberculous, then at least 72 per cent. of our herdsmen, who consume large quantities of milk and inhabit these stables and tend and care for these cattle continually, should die with tuberculosis, and die young.

But let us look this matter square in the face. A wave of anti-tuberculosis sentiment is sweeping over this country, greatly exaggerated, perhaps, but so much the worse for the man who gets hit. Every breeder and dairyman is bound to be struck sooner or later. Instead of waiting to be submerged, why is it not the part of wisdom for each breeder and dairyman to get busy and make this wave do some grinding for him. The man who makes the greatest success is the one who can so shape his plans as to make seeming disadvantages work to his advantage, who can turn impediments into stepping stones.

Why not arrange at once to have your stock tested, and if you find any reacting animals have them isolated. Establish a sort of bovine infirmary somewhere on your premises, or farther removed. The only loss would be that the isolated animals would not be salable, but you could continue to breed them as long as they would breed, and their milk when steralized could be used with impunity for feeding calves and swine. As milk is necessary for this purpose, it would not be a total loss. What then? Advertise your herds as absolutely free from tuberculosis, and prove it by showing the papers of the veterinarian. There is a growing demand for such stock. The increase in price, and the increased sales from such a heard would more than offset the loss and expense incurred in putting this plan into execution. My advice is to move in this matter as quickly as possible. To get right into the game.

NEW ADVERTISEMENTS.

H. M. Lyon & Son have added another choice animal to their list of sale offerings. All good ones.

Some great bargains at Hillhurst Farm. The Rivenburgh Brothers are offering some choice stock at very low figures. Oneida, N. Y.

The forty daughters of King Segis in Moyerdale Herd are sure to increase the fame of their sire when tested. Now is the time to buy one of his sons. Read Mr. Moyer's new ad in this issue.

Do you want a yearling bull of character to head your herd? Stevens Brothers-Hastings Company offer one sired by King Segis and from a Duchess Ormsby daughter of a Paul Beets cow. A pretty good combination. Read their full page ad.

That Ybma Spofford family, bred by E. H. Knapp & Son, Fabius, N. Y., is one of the finest families of the breed. Someone who wants to get started right should lose no time in securing Prince Ybma Spofford 14th. Not many of this kind for sale at any price.

In his change of ad Mr. E. A. Powell offers a choice from five bulls, any one of which is fit to head a champion herd. You can have a son of a 22½-lb. two-year old, a 23½-lb. three-year old, a 25-lb. four-year old, a 26½-lb. cow or a 29¼-lb. four-year old. We fancy the trouble will be to decide which you don't want.

That trio of calves offered by Meadow Brook Farm will make a foundation for a grand herd. Good breeding on both sides, backed by fine records, good individuals, and a bargain price. Write E. E. Poole, Lincklaen Center, N. Y.

(Continued from page 68.)

issue of the official reports are the great records made by Genie Clothilde and Jannek Albina De Kol 3rd. In making a record of 24.037 lbs. fat from 639.4 lbs. milk, Genie Clothilde adds one more to the list of H.-F. cows that have shown themselves capable of producing 28 lbs. of commercial butter in a period of seven days, or an average of four pounds per day; while Jannek Albina De Kol, 23.77 lbs. fat from 605.3 lbs. milk in 7 days, 93.199 lbs. fat from 2,578.1 lbs. milk in 30 days, gains third place in the Senior Four-year Class in both the Seven-day and Thirty-day Divisions. Genie Clothilde also produced in 30 days 93.156 lbs. fat from 2,601.2 lbs. milk.

In the full-aged class, besides Genie Clothilde just mentioned, three cows make fine records of over 19 lbs. fat. These are Idaline Pauline De Kol, 19.839 lbs. fat from 593.6 lbs. milk; Pontiac Caliope, 19.576 lbs. fat from 603.3 lbs. milk in seven days, 79.085 lbs. fat from 2,348.7 lbs. milk in 30 days; and Lily Netherland of Riverside, 19.421 lbs. fat from 423.7 lbs. milk. Ina Aaggie and Josie Von Harlingen's De Kol, by producing over 18 lbs. fat, also gain honorable mention. In the Senior Four-year Class, besides Jannek Albina De Kol 3rd, mentioned above, are Lady Crissie De Kol, 19.944 lbs. fat from 568.2 lbs. milk, and Madge De Kol Queen and Inka Clothilde Hartog, both above 18 lbs. fat.

The Junior Four-year Class is led by Pontiac Imperial, 16.011 lbs. fat from 430.8 lbs. milk, and Nettie Rachel Korndyke De Kol, 15.903 lbs. fat from 437.5 lbs. milk; while the senior three-year olds show up somewhat better, headed by Tirania Hengerveld Burke, 18.139 lbs. fat from 477.7 lbs. milk in seven days, 72.101 lbs. fat from 1,943.9 lbs. milk in 30 days, and Jannek Netherland Korndyke, 16.965 lbs. fat from 437.5 lbs. milk.

The best among the junior three-year olds are Queen Christine Pietertje, 13.332 lbs. fat from 347.9 lbs. milk, and Hattie Grant 2nd, 12.770 lbs. fat from 371.8 lbs. milk, while the best senior two-year olds are Doris De Kol Netherland, 12.596 lbs. fat from 342.8 lbs. milk, and Lina Netherland Abbekerk, 12.578 lbs. fat from 372.5 lbs. milk. In the Junior Two-year Class, Woodcrest Empress Josephine, with 12.2 lbs. fat from 399.2 lbs. milk, makes a very fine showing for her age, while Brookside Pontiac Metis, 12.076 lbs. fat from 333.3 lbs. milk, is not far behind. The two-year-olds in the Eight Months Division also make a very good showing of the way Holstein-Friesian heifers hold out, furnishing a good illustration of the reasons farmer-dairymen have for considering Holstein-Friesians the most profitable of dairy cattle.

M. H. GARDNER,
Supt. A. R.

We canont say too much for your journal as an advertising medium. We have sold a great deal of stock this season and can trace a great many sales to our little ad with you.—Rivenburgh Brothers, Oneida, N. Y.

Prof. W. A. Henry, of Wisconsin,

noted authority on feeding, has written a booklet entitled "How to Feed Distillers' Dried Grains." Feeders will be glad to see his treatment of the subject. A copy of the booklet may be had free by writing to The Dewey Bros. Co., box 1035, Blanchester, Ohio. Simply say you saw this notice in the Holstein-Friesian World and the booklet will be forwarded.

HIGHLAND HERD

offers a bull calf born Nov. 7, 1907. His dam has a record of 24.7 lbs. of butter in 7 days. His sire is **King of the Veemans**, whose dam is **Jessie Veeman A. 26.25 lbs.**, grandam, **De Kol 2d 26.58 lbs.**, great grandam **Netherland Hengerveld, 26.67. lbs.**, average, 26.5 lbs Price $100.

W. A. Carr, Tully, N. Y.

In writing to advertisers mention the WORLD.

REPORT OF THE GLISSMANN SALE, OMAHA, NEB., FEB. 11TH, 1908.

(By courtesy of H. C. Glissmann.)

Colantha Lady Parthenea, 7 y.; J. L. Werts, Russell, Iowa...$140.00
Holdredge Carlotta, 1 y.; G. A. Miller, Holstein, Iowa 130.00
Chappell Mechthilde Gerben, 2 y.; G. A. Miller..... 105.00
Sunny Miss Mechthilde, calf; C. Stephens, Columbus, Kan.... 87.50
Mantema De Kol, 8 y.; E. A. Kershner, Dana, Ia..... 190.00
Pride Soldene, 3 y.; C. A. Sharp, Stockton, Ill..... 115.00
Henrietta Ohio, 2 y.; W. Whitson, Neola, Ia..... 115.00
Jessie Clothilde 2d, 7 y.; C. A. Sharp 160.00
Jessie Clothilde 2d's, Soldine, 2 y.; O. E. Osborne, Weston, Ia. 155.00
Jessie Clothilde 2d's Twisk, 1 y.; C. A. Sharp..... 105.00
Sarpy Queen, 15 y.; Chas. Teagarden, Jefferson, Ia..... 85.00
Sarpy Queen's Lady, 1 y.; G. A. Miller 95.00
Avancelle 2d, 10 y.; C. A. Sharp 125.00
Mary Ann Clothilde, 9 y.; W. M. Condon, Humphrey, Neb..... 135.00
Zinclaria Mechthilde, 8 y.; Chas. Stephens 145.00
Zinclaria Mechthilde Pietertje, 1 y.; Heapy Bros., Litchfield, Neb. 125.00
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Sunny Princess, calf; Heapy Bros. 62.50
Sunny Lilly, calf; O. E. Osborne 72.50
Sunny Pet Pride, calf; Henry Kuehl, Benson, Neb..... 70.00
Matina Maid 2d's Pietertje's De Kol, 8 y.; Chas. Stephens. 250.00
Primus De Kol, 7 y.; J. L. Werts 205.00
Primus De Kol Wayne, 5 y.; Chas. Teagarden..... 75.00
Primus Shamrock 3d, 5 y.; F. J. Searles, Oskaloosa, Kan..... 170.00
Primus Shamrock 3d's Soldine, 3 y.; Wm. Eiche, Sta. B., Omaha, Neb..... 60.00
Shamrock De Jong, 1 y.; F. J. Searles 75.00
Secundus Shamrock, 10 y.; Chas. Teagarden 100.00
Miss Aaggie Parthenea 2d, 6 y.; J. L. Werts..... 175.00
Hastings Manetta; Heapy Bros. 110.00
Hastings Johanna Henry, 1 y.; J. L. Werts..... 120.00
Miss Fortune Jong, 2 y.; Heapy Bros. 105.00
Hastings Hulda, 1 y.; Heapy Bros. ..... 115.
Niva De Kol 2d, 4 y.; J. L. Werts 145.00
Narcissus Inka De Kol, 4 y.; Hillcrest Farm, Greenwood, Mo. 255.00
Lady Bettina Bryonia, 5 y.; C. A. Sharp..... 250.00
Kate Dulcie, 8 y.; Heapy Bros.. 100.00
Rosamond Jean Flanders 2d, 9 y.; F. J. Searles..... 155.00
Mercedes Pietertje Clothilde, 2 y.; Hillcrest Farm..... 205.00
Aaltje Salo Freda, 6 y.; W. Whitson 185.00
Daisy Mercedes Van Beers, 3 y.; Hillcrest Farm..... 255.00

Bulls.

Sunny Side Wayne, calf; D. H. Anderson, Bennington, Neb... 95.00
Sunny Billy, 1 y.; G. A. Miller. 77.50
Jessie Sir De Jonfi, calf; Aug. Bock, So. Omaha, Neb..... 62.50
Heilo Boy De Jong, 1 y.; Chas. Teagarden 205.00
Matina Maid's Sir De Kol, 1 y.; Iowa Hospital for Insane, Mt. Pleasant, Ia..... 100.00

Forty-five head brought....$5,997.50
Average per head, $133.

HOLSTEIN-FRIESIAN BULL CALVES

SIRED By TIDY ABBEKERK PRINCE 37770

(See frontispiece, last issue.)

His dam, Tidy Abbekerk, has A. R. O. record of 27.28 lbs. in 7 days.

She with her daughter, Tidy Abbekerk De Kol (28.34 lbs.) held the world's record, until within the past year for producing the most butter in 7 days of any cow and her daughter.

These calves are fine individuals from large producing dams. Price reasonable.

Tidy Abbekerk Prince is offered for service at $25.00.

For lack of room will sell a few choice young cows, none older than five and bred to the above bull.

W. M. HALLOCK, - - - - Spencer, N. Y.

21 Pound Korndyke Bull Calf

Born March 20, 1907. His dam has an A. R. O. record of 21.06 lbs butter and 533.6 lbs. milk in 7 days, 78.7 lbs. milk in one day, at 5 years old. Sire, "Witkop De Kol Korndyke Wayne" whose dam has an A. R. O. record of 22.83 lbs. butter in 7 days, her milk averaging 4.24 per cent fat. This calf traces on both sire and dam's side to "Belle Korndyke" 25.77 lbs. butter in 7 days.

F. W. Ames, Morristown, N. Y.

Meadow Brook Farm offers a trio of calves not akin. The bull was sired by Lillith Pauline DeKol's Son and out of a 22 lb. dam, born July 2, 1907. One heifer was sired by Caesar Uilkje and out of Lady Rowena Clyde with 19.34 lbs, at 4 yrs. The other heifer was sired by DeKol Hengerveld Burke King and out of Pietertje Kappijne with 11 lbs. at 2 yrs. One of the heifers was born Dec. 10, 1907, the other was born Jan. 25, 1909. This lot is just the thing to start with or just the thing to add to a good herd. If you want something bred in the purple and at a low price just send a check for $175 for the lot.

E. E. POOLE, Lincklaen Center, N. Y.

Tekstra Beets DeKol, Born January 3rd, 1908

Minnie Beets De Kol's Son
Sire No. 42092. This sire has no daughters in milk, but his heifers show up great. His sister, same dam, has A. R. O. record 23 lbs., per cent. fat 4.38.

Maple Ridge Tekstra
Dam No. 68945, A. R. O. record at 1 yr. 11 mo. 72 lbs. milk 1 day, 464 lbs. 7 days, 14.92 lbs. butter 7 days. World's record for milk for age.

Sir Small Hopes De Kol
No. 26530. Sire of 6 A. R. O. daughters with large records.

Minnie Beets De Kol
No. 44890. She is a daughter of Paul Beets De Kol. Her A. R. O. record 25.56 lbs. butter 7 days, per cent. fat 4.12.

Sir Small Hopes De Kol
No. 26530. Sire of 6 A. R. O. daughters; will soon have several more.

Venango 2d's Pietertje
No. 60593. A. R. O. record 18.02 lbs. butter 7 days.

He is a fine individual. His pedigree shows his breeding. The first check for $45.00 takes him. Registered and transferred.

C. H. Fitch & Sons, . . . Burlington Flats, N. Y

HYGEIA HERD

offers Hygeia Ormsby Paul, No. 46975, born March 25, 1907. Sire, King Ormsby Friend, No. 39045, A. R. O. of dam 19.55 lbs. and of sire's dam 24 lbs. 4.4 oz. Average per cent fat 5.44.

Dam, Anzaletta Pauline Paul 2nd, No. 52296, A. R. O. 24.64 lbs. butter in 7 days, 101.43 lbs. in 30 days. Best day's milk 94 lbs.

This young bull is fine enough to show in any company and good enough to head any herd.

Write immediately for he is going to be sold. Address

J. B. Loomis, Supt. Crozet, Albemarle Co., Virginia.

Dr. W. F. CARTER, Owner.

FAIRVIEW FARM HOLSTEINS

For Sale, Handsome Yearling Bull. His sister has record of 27.2 lbs. butter in 7 days at 3 years. Dam's record 23.29 lbs. Dam's sire is a brother to Canary's Mercedes.

Sire's dam has record above 25 lbs. at 4 years. Sire's grand dam above 25 lbs. also at 4 years. Many other large records in pedigree. Eight above 25 lbs. We also have several Bull Calves out of high record cows. Address

Oswego Co. O. J. GODFREY & CO. Pennellville, N. Y.

M. S. Nye of Pleasant View Stock Farm, Preble, N. Y.

offers for sale two more bull calves sired by Aaggie Cornucopia Johanna Lad, Jr., 36974 (look at breeding given in last issue): one was born Nov. 14th, 1907: his dam is Dora Dot Ononis (cut in this issue,) price $200. The other was born Nov. 1st, 1907, dam, a sister of Dora Dot Ononis. She has just made a record at 3 years of 21.82 lbs. of butter in seven days. She has 24 A. R. O. sisters. The calf's dam and sire's dam have 104 A. R. O. sisters, price $125. They are first class in every respect.

Breeders' Bulletin Board.

THE CLARK FARM.

W. W. Cheney writes: "The three-year old that I have just tested, Johanna Rue Lady Colantha, made a record of 20.92 lbs. butter and 452.8 lbs. milk for seven days. She has also a good two-year-old record to her credit. I expect to do more testing about the middle of February and have four cows coming fresh that I expect to get some good records out of."

MOYERDALE HERD.

Editor Holstein-Friesian World:

The fourth daughter of King Segis as a junior 2-year old has just completed her 7-day record as follows: 435.3 lbs. of milk; butter, 21.10; average fat, 3.87. This gives King Segis at 4 years old four junior 2-year old daughters, whose records average a little over 19 lbs. each. Two of them with records better than 20 lbs. each and average above 21 lbs.

This should eliminate all doubt of King Segis being able to sire 20-lb. cows, and it looks very much like King Segis was going to be just as great a sire as he is a great bred sire.

I have 12 daughters of King Segis due to freshen in April and May, and if they should do equally as well as his first four daughters, which have been tested, it will make quite a good sire of him as a four-year old.

The four daughters of King Segis that have been tested are all that have freshened up to the present time, so there has been no chance to pick out the good ones and not report the poor ones, and I look for more 20-lb. daughters in those which are to be tested in April and May.

Sons of King Segis should be very desirable when great breeding and great sire is considered. I have had so many applications of late from outside breeders, who would like to breed their cows to King Segis, and on account of being short of room at my place I am unable to take care of all that have applied, so rather than have any feelng with some of the breeders I have decided to make a strictly private bull of King Segis hereafter and will not breed him to any cows outside of the Moyerdale herd.

Respectfully yours,
H. A. MOYER.

LAKELAND HERD.

Editor H.-F. World:

It will interest you to learn that my Holstein-Friesian cow Frenesta Hengerveld De Kol, 60550, has recently completed a record for 7 days of 25.796 lbs of butter fat, which is 32.246 lbs. of 80 per cent. butter. This gives her **third** place among the great cows of the world. Her milk for the 7 days tested 4.69 per cent. of fat. There are a few things about this cow that seem remarkable to me which are as follows: She was six years old in December last; she has given me five living calves, although one is now dead; she has been testd four different years with the following results:

Two years, 4 months, 27 days, milk, 335.8 lbs.; butter, 16.212; average fat, 3.86 per cent.

Four years, 2 months, 15 days, milk, 419.3 lbs.; butter, 21.892; average fat, 4.15 per cent.

Five years, 2 months, 4 days, milk, 554.6 lbs.; butter, 26.215; average fat, 3.78 per cent.

Six years, 1 month, 12 days, milk, 549.1 lbs.; butter, 32.246; average fat, 4.69 per cent.

She gave birth to a living calf, made a record of 26.215 lbs. of butter; gave birth to another living calf and made a record of 32.246 lbs. of butter, all within twelve months, and I do not recall to have heard of another cow that has done as much.

Her four official records average 28.12 lbs. of butter for seven days, while her combined records are 96.55 lbs., and I venture the assertion that no other cow of the breed can rightfully claim as much.

She is sired by Pietertje Hengerveld's Count De Kol, who has not less than 71 A. R. O. daughters, and I think more. This bull has five daughters with official records that average 29.12 lbs. of butter for seven days. If there is another that can show better let us know it. I am testing this cow for 30 days, and at the completion of that test will give you further and fuller particulars. Yours truly,

WING R. SMITH.

GREENWOOD HERD.

Editor H.-F. World:

We are enclosing herewith copy for our ad, to appear in the next issue of your much valued paper. A representative from the College of Agriculture at Cornell University is now at the Greenwood herd, supervising some tests on several daughters of Katy Spofford Corona's Son. They are starting in well, and we shall be pleased to report on the test later.

Some time ago Messrs. Stackpole Bros. of Thomaston, Me., sent us an order requesting that we give them an option on a bull calf from some of our best cows. The several cows from which they wished to select a young calf have calved, and they are very fortunate in securing one sired by Prince Ybma Spofford and from Calamity Spofford, a young cow in our herd who made an official record at 3 years old of 463.3 lbs. milk, 22.84 lbs. butter in 7 days, and 2,066.9 lbs. milk, 87.69 lbs. butter in 30 days. She is the fifth generation cow on her dam's side, all having large A. R. O. records and leading back to Netherland Hengerveld with her record of 26.66 lbs. butter in 7 days, made years ago before the 30-lb. or 35-lb. cow was anticipated.

Calamity Spofford is a daughter of Katy Spofford Corona's Son, whose dam held the junior three-year-old record for seven and a half years. The young calf is a fine individual in every respect and with his grand backing on both the sire's and dam's side he should be heard from with some good A. R. O. daughters a little later on.

Just about a year ago now Mr. A. J. Grandusky, of Allegany, N. Y., sent to us for a fine young son of Prince Ybma Spofford. We have recently received an order from him for two beautiful and well-bred young heifers in calf to Prince Ybma Spofford. Mr. Grandusky will soon have a grand, good herd of "Spofford" Holsteins.

In connection with this we wish to add that it is our firm desire and aim to so please each and every one of our customers that they will return to the Greenwood herd whenever they wish anything in high class Holstein cattle.

In regard to the young son of Prince Ybma Spofford, pedigree of which your readers will find in our ad at the top of the inside back cover of this paper, we wish to say that he is an exception-

Notice to the Holstein-Friesian Breeders of America:--

I expect by April 1, 1908 to have in my possession the $4,000.00 son of the $8,000.00 Rag Apple Pontiac Cow, born June 11, 1907. This is the *only* male in the world who has the blood of three dams in his loins that average almost 32 lbs. of butter each in 7 days, comprising all the greatest butter producing families of the breed, and unless sold (as I have no herd) I will sell his services at a price that any breeder can breed a head to his herd, at a cost of $100.00 or less, "whose equal would cost from $500.00 to $2,500.00 to purchase." Send for terms and pedigree. :-: :-: :-:

THE YATES — C. S. AVERILL, — SYRACUSE, N. Y.

BULLS

If you are looking for a bull and want a good one at a low price, I can supply you with one old enough for service now, or a younger one, that will be ready to use next Spring. It will pay you to correspond with me or come and see what I have to offer.

WING R SMITH, - Lakeland Farm, Syracuse, N. Y.

APIARY FARM

has for sale herd bull
PAUL MECTHILDE JOHANNA DE KOL
NO. 31791

Well broke, gentle and sure. Also two bull calves and a few heifers, but no cows.

N. A. KLUCK, Lena, Ill., R. 4.

FOR SALE—HOLSTEIN BULL CALVES

Sired by LORD NETHERLAND DE KOL, BARON NETHERLAND DE KOL and LORD NETHERLAND COUNT DE KOL at reasonable prices. Correspondence solicited. Photograph of calf furnished if desired.

SAMUEL J. TILDEN, Proprietor

BURNE-MEADE FARM — **NEW LEBANON, N. Y.**

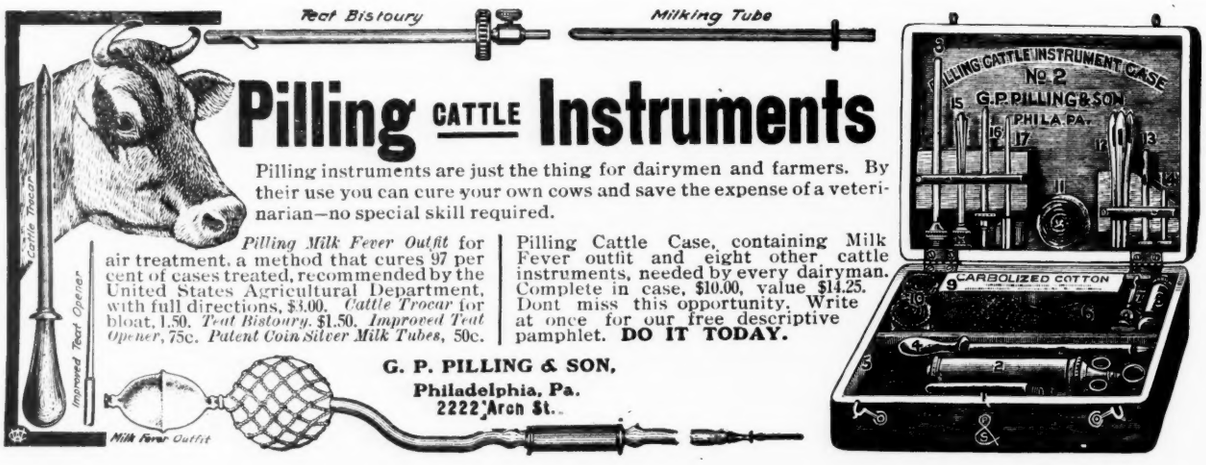
PONTIAC KORNDYKE

is the sire of the highest priced A. R. O. cow ever sold. He is also the sire of the dam of the highest priced bull calf of the breed ever sold. His daughters made 19 official records during the official year ending May 15 last, that show an average per cent of fat over 4.1. No other bull of the breed ever equalled this in one year. We still have a few bull calves sired by him for sale.

One is out of Lady Irine of Woodlawn, 23 lbs. butter in 7 days. She just won the butter test at Ogdensburg Fair, making almost 5 pounds butter in two days over 4 months after freshening.

St. Lawrence Co. — **E. H. DOLLAR** — **Heuvelton, N. Y.**

FAIRVIEW FARMS



Moyerdale Herd of High Class Holstein-Friesian Cattle.

KING SEGIS NO. 36168 AT THE HEAD OF THE HERD

THE KING OF ALL SIRES at 4 years old and the youngest Sire of the breed to have two junior two-year-old 20-lb. daughters.

THE ONLY SIRE OF THE BREED whose first 4 daughters as junior two-year-olds have records that will average greater than 19 lbs. each.

THE QUESTION OF DOUBT HAS ENTIRELY DISAPPEARED as to KING SEGIS' ability to sire 20-lb. cows.

BUYERS OF KING SEGIS' GREATEST BRED SONS last year have been able to double their money of late on their purchases.

I HAVE 5 SONS OF KING SEGIS, which will be old enough for service this spring, for sale, when these are gone, there will be no chance for any more for one year to come.

I HAVE 40 DAUGHTERS OF KING SEGIS in my herd, 12 of them due to freshen in March, April and May and all will be tested and if they do as well as the first four daughters have, it will make a phenominal sire of KING SEGIS.

ALL OF HIS SONS are bound to double in value during the next year.

DO NOT MISS THE OPPORTUNITY of getting the benefit of this advance.

H. A. Moyer, Syracuse, N. Y. - James Gillette, Supt.

ally fine individual, straight, level and very silky. His breeding is of the very best, his sire being our noted herd bull, Prince Ybma Spofford, whose dam has the fashionable 30-lb. backing; and on the dam's side the young bull traces to such individuals as Katy Spofford Corona, 26.02 lbs. at 3 years, 1 month old; De Kol 2d's Butter Boy 3d, with 51 A. R. O. daughters, and dam's record of 26.57 lbs.; also to Paul Beets De Kol, the champion of all sires, 79 A. R. O. daughters. The World reader who gets Prince Ybma Spofford 14th will be much pleased.

Respectfully,
E. H. KNAPP & SON.

Home Circle.

THE MAN WHO WINS.

The man who wins is the man who does,
The man who makes things hum and buzz,
Who builds on a basis of solid facts,
Who doesn't sit down to mope and dream,
But humps ahead with the force of steam,
Who hasn't the time to fuss and fret,
But gets there every time—you bet!

The man who loses is he who talks,
Who fumbles and foozles and trifles and balks,
Who won't do anything today
That he can put off in the same old way;
Who's down on his luck and curses his fate,
And tries to catch fish without any bait,
Who goes through life with a frown on his face,
Convinced that the world is a mighty poor place.

The man who wins is the man who wears
A smile to cover his burden of cares;
Who knows that the sun will shine again;
That the clouds will pass and we need the rain;
Who buckles down to a pile of work
And never gives up and never will shirk
Till the task is done, and the toil is sweet
While the temples throb with the red blood's heat.

The man who loses is he who moans
That the way is rough and he dreads the stones;
Who is looking for something soft to do,
Where the pay is big, and the hours are few;
Who dreams of this and dreams of that,
But never sails in and throws off his hat;
Who fears the feel of a drop of sweat,
And never gets anywhere—you bet!

The man who wins is the man who climbs
The ladder of life to the cheery chimes
Of the bells of labor and bells of toil,
And isn't afraid that his skin will spoil
If he faces the light of the glaring sun
And works in the light 'till his task is done—
A human engine with triple beam
And a hundred and fifty pounds of steam!

—New Zealand Dairyman.

SELECTIONS.

What you do not want done to yourself, do not do to others.

* * * * *

Hold faithfulness and sincerity as first principles.

* * * * *

Have no depraved thoughts.

—Confucius.

CONSCRIPT OF 1813.

A Continued Story.

Translated from the French by the editor of the H.-F. World.

These words reanimated me; I felt the fire mount to my face.

"Yes, yes, we are on our way home," said I. "I must see my native hills once more."

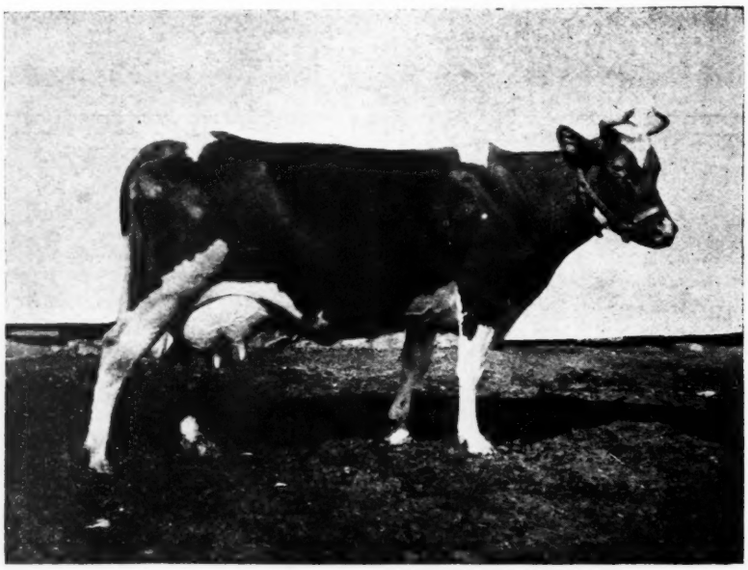
Then I wept. Zebede took my sack; when I was too weary, he said to me: "Lean upon my arm. . . . Every day counts now, Joseph. . . . Fifteen more days' marches and it is done."

He revived my spirits; but I had no longer the strength to carry my gun. It seemed to me heavier than lead. I could no longer eat, and my knees trembled. In spite of this I did not yet despair. I said to myself: "It is nothing. . . When I see the towers of Phalsburg the fever will depart. . . . Catherine is thinking of me. . . . I will have a good reception, and all will go well."

I saw others like myself who dropped out by the way, but I was far from thinking myself as sick as they.

I kept always a strong confidence. When three leagues from Fulde, upon the route to Salmunster, during a halt, we learned that fifteen thousand Bavarians had come to head off our retreat, and that they were posted in a great forest through which we must pass. This news was the last blow, because I felt no longer the power to advance, say nothing about fighting an enemy or defending myself with a bayonet. I, however, made an effort when the order came to march, and I tried to rise.

"Come, Joseph," said Zebede to me; "let us see your courage."



NORA INKA PIETERTJE, DAM OF DE KOL INKA PIETERTJE 35476
sire of the bulls offered by Richard Hicks, Auburn, New York.

RICHARD HICKS,

Auburn, N. Y.

offers three grand sons of the grand cow, NORA INKA PIETERTJE. The dams of No. 1 and 2 are sisters and each have a record of 20 lbs. in 7 days. The dam of No. 3 has a record of 14 1-2 lbs, at 2 years, (Imp,) Others nearly as good.

Write for prices, or come and see them.

But I could not, and I commenced sobbing, and crying:

"I cannot!"

"Get up," said he.

"I cannot; God knows I cannot."

I grasped his arm . . . the tears ran down my nose . . . he tried to carry me, but he was also too weak. I clung to him, crying:

"Zebede, don't leave me!"

Captain Vidal approached and looked at me sadly:

"Come, my boy," said he, "the ambulance will pass in a half-hour, they will pick you up."

But I knew well they would be full, and I drew Zebede down to me and said in his ear:

"Tell Catherine that I died in your arms, and that my last words were a farewell to her, promise me!"

"—Yes," said he sobbing, "yes, I promise you . . . my poor Joseph!"

I could not let go of him; he put me on the ground and went away quickly without turning his head. The column departed. I watched it a long time as one sees his last hope vanish. It finally disappeared in a hollow of the ground. Then I closed my eyes, and only an hour after, or may be a longer time, I awoke at the sound of cannon. I saw a division of the guard pass at double quick, and some baggage wagons and some artillery. Upon the wagons I perceived some sick and I cried:

"Take me . . . take me! . . ."

But no one paid any attention to my cries. They continued to pass and the noise of the cannonading increased. More than six thousand men of the cavalry and of the infantry passed thus; I had no longer power to call.

Finally the end of the column came. I saw the sacks and shakos of the soldiers advance to the descent, then disappear. I felt that all was over, and here I would lie forever. Then I was aroused by another great noise. Five or six pieces drawn by large horses were galloping by, the cannoneers were upon the right and upon the left with drawn sabres; behind came the caisons. I had no more hope in these than in the others, but as I looked at them, I saw advance from the side of one of the pieces a tall, lean bronzed officer, wearing a badge of the legion, and I recognized Zimmer, my comrade of Leipsig. He passed without seeing me; but then with all my force I cried:

"Christian! Christian!"

And in spite of the noise of the cannon he stopped, returned, and perceived me at the foot of a tree; then he opened his eyes wide.

"Christian," I cried, "have pity on me!"

He became pale, "what, is it you, my good Joseph," said he springing down from his horse.

He took me in his arms as a child, and cried to the men who conducted the last baggage wagon:

"Halt! Stop!"

He placed me in the cart, my head upon a sack. He spread a large cavalry cloak over my legs and feet, and pressing my hand, said:

"That will keep your legs warm—Forward!"

This is all that I recall, for immediately I lost all consciousness. It seemed to me that I was passing through a great storm, that I even saw defiling against the sky rows of tall fir trees in the middle of the night, but all this for me is only as a dream. What is certain is that behind Salmunster, in the wood of Hanau was fought that day a great battle, and that the Bavarians were put to flight.

(To be continued.)

Transfers.

VIRGINIA.

List for Week Ending Dec. 7, 1907.

COWS.

WISCONSIN.

Allis De Vries Johanna, Andrew Schneider to L. W. Howe, Black Earth.

Johanna Theresa Son, Chas. Crabb to A. L. Williams, and from A. L. Williams to A. Winmann, Iola.

Korndyke De Kol Bryonia 2d, Chas. Crabb to A. L. Williams, and from A. L. Williams to Robert Pinkerton, Ladoga.

Paul Beck, Leonard W. Gay to Wm. Standenmeyer, Merrimack.

Piebe Gewina Mechthilde, S. E. Blunt to W. R. Gates, Fort Atkinson.

Prince Bourbon, H. C. Shepard to Nils Erickson, Hixton.

Prince Piebe De Kol Lad, C. R. Montague to Max Schafer, North Prairie.

Royal Douglas Gem, Albert Nehls to H. G. Ruesink, and from H. G. Ruesink to Pete Lydisken, Unity.

Ruby Sir Posch Johanna, L. Fields to Dr. J. C. Grant, Lena.

Shady Nook Glen Rose, S. W. Faville to John P. Smith, Clintonville.

Silver Paul Gerben, Roderick & Zimmerli to J. C. Murdock, Brodhead.

Sir De Natsey Pietertje De Kol, W. F. Krippner to J. E. McKinney & Son, Barron.

Sir Elsie Mechthilde, D. W. Merrill to W. E. Adams, Fond du Lac.

Sir Melchior Careme, Conrad Brinkman to William Triebensee, Cascade.

Sir Netherland Mercedes De Kol, Ezra Blumer to John Waltie, Monroe.

ARKANSAS.

Barbetta Colanthus 2d, Jesse W. Osborn to P. D. Scott, Van Buren.

CALIFORNIA.

Aralia Korndye of Riverside, Chas. D. Pierceto J. H. Butler, Visalia.

Official Records of Holstein-Friesian Cows

126 Cows **From January 9, to January 25, 1908.**

NAME OF COW AND OWNER.	Age y. m. d.	Days from Calving.	Consecutive Days.	Milk, lbs.	Average per cent. fat.	Butter fat lbs.
Genie Clothilde, 48097, W. W. Cheney	8 8 14	41	7	639.4	3.76	24.037
	8 8 14	18	30	2,601.2	3.58	93.156
Idaline Pauline De Kol, 57127, John M. Howard	7 2 5	16	7	593.6	3.34	19.839
Pontiac Caliope, 56961, The F. F. Field Holstein Co	6 10 4	25	7	603.3	3.24	19.576
	6 10 4	7	30	2,348.7	3.37	79,085
Lily Netherland of Riverside, 59984, A. W. Brown	6 0 6	8	7	423.7	4.58	19.421
Ina Aaggie, 65838, F. P. Knowles	5 3 18	15	7	482.1	3.93	18.936
Josie Von Harlingen's De Kol, 51070, Stevens Brothers-Hastings Co	8 2 16	10	7	501.8	3.73	18.743
Small Hopes Beets, 47675, A. W. Brown	8 11 8	31	7	585.3	3.03	17.739
	8 11 8	9	30	2,215.0	3.25	72.090
Zeldieka Pietertje 3d, 56195, H. D. Seely	7 4 2	7	7	501.3	3.52	17.633
Clothilde Pride De Kol, 62650, T. A. Mitchell	5 9 8	9	7	525.3	3.28	17.255
De Kol Princess Belle, 52660, H. A. Prescott	7 9 1	20	7	500.7	3.44	17.232
Kalsora Inka, 58906, W. W. Cheney	6 1 23	17	7	444.3	3.76	16.712
Lilith Pauline De Kol 2d, 52535, Davis & Seely	7 11 23	6	7	447.2	3.59	16.051
Buckeye De Kol 4th, 71686, Northern Mich. Asylum	5 9 2	33	7	448.3	3.56	15.949
Glista Iota, 58202, Cornell University	5 10 15	44	7	448.7	3.54	15.881
Abronia Cyclamen, 58885, Northern Mich. Asylum	5 11 10	20	7	505.9	3.10	15.701
Susie Lamb De Kol, 63316, A. W. Brown	5 0 2	9	7	499.9	3.13	15.666
Pauline Hengerveld De Kol, 59631, Fred Dixon	6 5 27	24	7	397.4	3.92	15.574
Small Hopes Korndyke, 59983, A. W. Brown	5 11 1	7	7	464.4	3.35	15.537
Bonnie Bess Nelson, 66903, Randal Bros	5 0 17	23	7	400.7	3.82	15.328
Angostura, 56732, J. C. Latimer	9 2 18	15	7	446.5	3.41	15.217
Tulip Pietertje Lady De Kol, 52674, L. L. Grow	7 10 7	9	7	387.3	3.89	15.081
Segis Korndyke De Kol, 59152, A. W. Brown	6 8 27	13	7	434.2	3.46	15.023
Betsy Bobbit De Kol, 56510, H. D. Seely	6 7 22	38	7	447.6	3.33	14.906
Aaggie Pietertje De Kol Beets, 59539, A. W. Brown	5 10 3	24	7	404.5	3.66	14.804
Pontiac Sunrise, 58883, Northern Mich. Asylum	5 7 27	99	7	511.5	2.86	14.650
Pontiac Kaastra, 50866, Northern Mich. Asylum	7 7 22	139	7	450.1	3.20	14.404
Princess De Kol Butter Girl, 49639, F. C. Overton	8 8 3	10	7	416.1	3.41	14.186
Lady Madge Pauline De Kol, 61962, Geo. F. Blewer	6 0 19	8	7	428.1	3.31	14.180
Little Bess 2d's Queen, 57504, Northern Mich. Asylum	6 7 9	76	7	453.4	3.09	13.997
White Lilly Pauline, 64400, Bolt & Huey	5 3 3	20	7	451.2	3.05	13.789
Oakland Queen Mildred, 57242, E. L. Lincoln	6 2 21	45	7	430.9	3.13	13.488
Rose Pietertje Princess, 57869, H. D. Seely	6 7 24	16	7	498.1	2.68	13.330
Jeek Queen 2d, 58491, H. A. Prescott	6 8 25	46	7	321.8	4.08	13.139
Namur's Belle, 41428, J. C. Latimer	11 3 13	15	7	392.9	3.26	12.806
Blackness 2d's Dione, 59822, C. W. Loomis	6 0 24	32	7	341.0	3.71	12.663
Buckeye Clothilde 3d, 52182, H. D. Seely	8 6 5	17	7	502.5	2.49	12.526
Calamity De Kol Charm, 63170, F. C. Overton	5 0 26	46	7	384.0	3.24	12.453
Spider Pietertje De Kol, 58686, F. C. Overton	7 6 14	18	7	364.6	3.37	12.299
Jannek Albina De Kol 3d, 69108, Stevens Bros.-Hastings Co.	4 7 10	23	7	605.3	3.93	23.770
	4 7 10	14	30	2,578.1	3.62	93.199
Lady Crissie De Kol, 65625, John M. Howard	4 10 17	10	7	568.2	3.51	19.944
Madge De Kol Queen, 67258, John M. Howard	4 11 16	18	7	532.8	3.50	18.646
Inka Clothilde Hartog, 64615, Northern Mich. Asylum	4 11 29	28	7	540.1	3.34	18.043
Queen Lilu Korndyke De Kol, 64507, Henry Stevens & Son	4 10 3	15	7	519.5	3.33	17.317
Aaggie Prescott Paul De Kol, 66875, John M. Howard	4 6 10	30	7	480.0	3.57	17.126
Netherland Aaggie Mechthilde, 68824, F. W. Scott	4 9 21	17	7	396.2	3.78	14.942
Hijlaard Korndyke De Kol, 64506, Henry Stevens & Son	4 11 19	8	7	419.8	3.41	14.311
Dorinda Posch, 67436, W. W. Cheney	4 9 6	74	7	366.7	3.87	14.183
Lily Netherland Pauline, 6400_, W. W. Cheney	4 9 6	74	7	398.6	3.87	14.183
Maggie Beets Johanna, 68776, W. A. Waite & Son	4 7 14	86	7	432.6	3.25	14.065
Evening, 67842, J. C. Latimer	4 6 29	93	7	346.9	3.93	13.616
Pontiac Imperial, 65760, E. H. Dollar	4 4 29	89	7	430.8	3.72	16.011
Nettie Rachel Korndyke De Kol, 68043, W. A. Waite & Son	4 2 14	20	7	437.5	3.63	15.903
Pauline Viola, 69906, F. C. Overton	4 1 17	118	7	351.4	3.80	13.343
Mercedes Terry De Kol, 72685, J. G. Pembleton	4 0 22	42	7	422.5	3.00	12.663
Athenia Jewel De Kol, 73145, F. P. Knowles	4 0 17	12	7	412.4	2.93	12,089
Tirania Hengerveld Burke, 75093, T. A. Mitchell	3 7 25	46	7	477.7	3.80	18.139
	3 7 25	24	30	1,943.9	3.70	72.101
Jannek Netherland Korndyke, 75313, Stevens Bros.-Hastings Co. & Mead	3 8 2	13	7	437.5	3.88	16.965
Maple Knoll Snow Ball, 88417, H. D. Seely	3 7 18	14	7	454.6	3.13	14.242
	3 7 18	9	14	896.1	3.14	28.129
Clara Pietertje Princess, 70494, F. C. Overton	3 11 27	12	7	377.3	3.73	14.109
Edith Grace De Kol 2d, 74954, A. W. Brown	3 6 28	10	7	386.5	3.43	13.261
Nora Inka Pietertje 2d, 74178, Richard Hicks	3 9 6	63	7	393.9	3.34	13.161
Artis Hengerveld De Kol Wayne, 74108, F. W. Scott	3 8 21	38	7	383.7	3.38	12.966
Friend Small Hopes, 74071, A. W. Brown	3 8 25	9	7	382.8	3.28	12.568
Minita Denver, 70661, Northern Mich. Asylum	3 6 18	90	7	415.3	2.98	12.370
Bessie De Kol Hengerveld, 75531, E. L. Lincoln	3 9 4	10	7	380.2	3.18	12.108

Harcourt Rhoebe De Kol, 83376, Hobart W. Fay	3	7	4	12	7	418.0	2.73	11.419
Pauline Witkop Netherland, 78112, Stevens Bros.-Hastings Co. & Mead	3	6	13	54	7	279.9	4.03	11.286
Pioneer Susie De Kol, 79106, E. L. Lincoln	3	9	22	28	7	318.2	3.41	10.863
Korndyke Netherland, 73304, W. A. Waite & Son	3	7	18	120	7	321.4	3.10	9.964
Harcourt Netherland De Kol, 83375, Hobart W. Fay	3	8	4	9	7	276.8	3.59	9.956
Queen Christine Pietertje, 79196, John C. Sharpe	3	0	29	22	7	347.9	3.83	13.332
Hattie Grant 2d, 82251 Stevens Bros.-Hastings Co. & Mead	3	5	26	44	7	371.8	3.43	12.770
Winona Pietertje Roxie, 79042, John C. Sharpe	3	0	21	29	7	370.2	3.45	12.764
Vinnie Colantha Pauline, 78849, T. A. Mitchell	3	1	26	23	7	366.1	3.46	12.675
Sadie Inka De Kol, 77418, E. L. Lincoln	3	5	28	31	7	401.4	3.02	12.132
Pauline Johanna De Kol, 73227, Bolt & Huey	3	3	15	8	7	330.4	3.57	11.806
Koral Mechthilde Fanny, 81456, J. C. Latimer	3	2	22	55	7	314.8	3.29	10.358
Glista Sigma, 75037, Cornell University	3	1	11	74	7	269.0	3.41	9.180
Doris De Kol Netherland, 80068, Edgar Collier	2	11	9	56	7	342.8	3.67	12.596
Lina Netherland Abbekerk, 80064, Edgar Collier	2	10	27	62	7	372.5	3.38	12.578
Mary Vaughn Burke, 80299, T. A. Mitchell	2	10	25	9	7	384.1	3.27	12.545
Ruby May De Kol, 74989, Stevens Bros.-Hastings Co	2	8	19	24	7	412.3	2.96	12.197
Butter Boy Aaggie Lily, 79964, Henry Stevens & Son	2	9	3	8	7	342.3	3.56	12.191
Castine De Kol Burke, 81686, Fred Dixon	2	10	4	32	7	286.7	4.15	11.901
Skylark De Kol Ormsby, 78052, J. B. Irwin	2	11	2	88	7	356.5	3.25	11.595
Grace Pietertje Piebe Netherland, 82631, A. W. Brown	2	6	28	20	7	378.3	3.05	11.555
Pride Canary, 80676, T. A. Mitchell	2	11	16	15	7	381.2	2.98	11.378
Daisy A. Mercedes 5th's Ormsby, 78055, J. B. Irwin	2	9	27	50	7	304.2	3.68	11.282
Lady De Kol Ormsby, 78053, J. B. Irwin	2	11	2	85	7	273.7	3.87	10.603
Dairy Mercedes De Kol Ormsby, 78056, J. B. Irwin	2	9	10	14	7	303.5	3.12	9.475
Minnie Kimball 2d's Ruby, 80966, Randall Bros	2	10	17	37	7	263.7	3.50	9.350
Glista Tau, 75036, Cornell University	2	11	17	16	7	250.8	3.57	8.954
Daisy Pietertje De Kol Ormsby, 78057, J. B. Irwin	2	8	8	95	7	261.1	3.25	8.475
Wooderest Empress Josephine, 89095, Harry Cooke	1	9	1	26	7	399.2	3.05	12.200
Brookside Pontiac Metis, 85854, Zoller Bros	1	11	27	34	7	333.3	3.62	12.076
Segis Cornucopia of Riverside, 88532, A. W. Brown	2	1	18	18	7	394.3	3.02	11.922
Hengerveld Von Etten, 87372, J. H. Partrick	2	2	3	21	7	335.8	3.43	11.503
Hilda Abbekerk Netherland, 87259, Edgar Collier	2	1	6	19	7	343.3	3.35	11.483
Meadowbrook Pietertje Queen, 93819, John C. Sharpe	2	1	17	41	7	343.3	3.28	11.261
Brookside Norma Pauline, 85858, Zoller Bros	1	10	28	13	7	296.0	3.76	11.134
Zerma Cornucopia, 88533, A. W. Brown	2	0	8	17	7	355.6	3.07	10.932
Topsy De Kol Netherland, 87257, Edgar Collier	2	1	29	21	7	245.5	4.21	10.331
Ximena Zwelle, 84150, Edgar Collier	2	0	14	30	7	340.5	2.88	9.806
Maud Hengerveld Pietertje, 87368, J. H. Partrick	2	1	25	19	7	328.5	2.97	9.766
Glista Psi, 83175, Cornell University	2	2	29	8	7	258.9	3.72	9.619
Belle Shadeland, 87374, J. H. Partrick	2	2	1	22	7	273.6	3.51	9.608
June Denver, 84278, J. B. Irwin	2	3	24	61	7	310.5	3.06	9.496
Lady Rival Aaggie Grace, 84910, L. L. Grow	2	0	27	141	7	274.9	3.35	9.207
Sethje Golden Nannette, 86413, T. A. Mitchell	2	2	5	29	7	275.0	3.31	9.104
Lucy Pietertje Clothilde Pauline, 86007, G. T. Tuckerman	2	3	12	22	7	259.0	3.50	9.070
Friend De Kol Denver, 84274, J. B. Irwin	2	1	25	21	7	273.1	3.21	8.788
Meadowbrook Hengerveld Twisk, 93814, John C. Sharpe	2	5	18	37	7	265.9	3.30	8.786
Netherland Clothilde Leila, 78871, L. L. Grow	2	5	5	153	7	228.6	3.84	8.775
Belle Sprig, 87373, J. H. Partrick	1	11	1	54	7	248.8	3.50	8.710
Susie Cornucopia Beets, 88535, A. W. Brown	2	0	18	21	7	291.2	2.91	8.480
Maggie Morris De Kol, 83716, University of Wisconsin	2	1	22	16	7	226.9	3.74	8.471
Bos Aaggie, 84949, Henry Stevens & Son	1	11	7	30	7	236.1	3.33	7.872
Paul Clyde Angostura, 87082, J. C. Latimer	1	10	2	90	7	234.7	3.35	7.859
Lady Model Aaggie Grace, 80678, L. L. Grow	2	0	8	242	7	199.6	3.68	7.339
Records Begun at Least Eight Months After Calving.								
Ida De Kol Pauline, 63159, T. A. Mitchell	5	1	28	254	7	339.1	3.40	11.516
Prior record						563.2		17.773
Nora Inka Pietertje, 44373, Richards Hicks	10	0	17	247	7	268.3	3.31	8.886
Prior record						624.9		20.877
Lady Jewel Sadie Vale Concordia, 81443, G. T. Tuckerman	2	0	3	262	7	232.8	3.88	9.025
Prior record						336.8		10.984
Aaggie Grace Emily Eliza, 81444, G. T. Tuckerman	2	2	14	266	7	242.7	3.50	8.486
Prior record						316.9		9.395
Annie Beauty Sadie Vale Pauline, 81105, G. T. Tuckerman	2	1	15	259	7	234.8	3.49	8.196
Prior record						375.5		11.527
Eclipse Clara Louise Clothilde, 81107, G. T. Tuckerman	2	0	20	252	7	275.3	2.89	7.953
Prior record						417.7		10.114
Netherland Johanna De Kol Spofford, 83157, C. A. Schroeder.	2	1	3	250	7	233.7	3.21	7.500
Prior record						279.0		11.197

Delavan, Wis., February 4th, 1908. MALCOLM H. GARDNER, Supt. of Advanced Registry.

Matty of Riverside, Chas. D. Pierce to J. H. Butler, Visalia.

CHILI.

Posch De Boer Marcelle, Horace L. Bronson to Enrique Pastor e Hijo, Concepcion.

CONNETICUT.

Clothilde Royal Pietertje, William H. Morrison to Jesse D. Frost, East Litchfield.

ILLINOIS.

Cherry Mechthilde De Kol, Daisy Parthenea De Kol and Princess Mechthilde De Kol Pietertje, John H. Diehl to F. E. Krus.

Maud Burke, A. A. Oblong to J. T. Murdough, Ormel.

Portage Pauline Paul Wayne 2d, Jesse W. Osborn to Noah Taylor, Irving.

INDIANA.

Marie Mutual Friend De Kol, T. H. Jackson to Geo. Freese's Sons, Nappanee.

MAINE.

Lady Margaret Lincoln, Lady Margaret Lincoln Clothilde 2d and Nita Soldene Clothilde Statesman, E. E. Walker to D. B. Wiley, Greene.

Daisy Sunland Canary, Henry Stevens & Son to C. A. Bonney, East Sumner.

MASSACHUSETTS.

Aaggie Topsy Pauline De Kol, Salzell and Viola Hartog, Horace L. Bronson to J. A. Jones, Ware.

Clothilde Topsy Cornucopia, Ethel Alexander 5th and Manor Maid of Twisk 2d, A. R. Marsh to J. H. D. Whitcomb, Littleton.

Alice Bell De Kol, De Kol Pietertje Paul, Hazel Erie, Mary Twisk Tirania De Kol, Nellie Pietertje De Kol Paul, Pauline Poyneritje Clothilde and Pride Pauline of the Hill 2d, J. H. D. Whitcomb to T. J. Bowlker, Boston.

Mercena 3d, Patty Clothilde De Kol, Pietertje Hengerveld Countess and Pietertje Maid Melisse, Fred F. Field Holstein Co. to W. B. Cross, Brockton.

Jane Langsley 2d, M. T. Carrigan to E. W. Smith, E. Foxboro.

Nettie Mahomet Countess De Kol, Daniel F. Field to Walter H. Gamans, Mattapoisett.

Queen Pauline De Kol Shepard, E. I. Ballantine to M. T. Carrigan, and from M. T. Carrigan to E. W. Smith, East Foxboro.

Snopkje De Kol Lily, Hermon A. Comey to Frank Parker, Dunstable.

MICHIGAN.

Chornita Pet, B. W. Hartford to L. K. Beach, Howell.

Fairy Mercedes Alexis, John I. Johnston to G. A. Van Doren, Wayland.

Hilverda Wietske De Kol Queen, C. D. Austin to E. R. Waldson, Mt. Pleasant.

Houwtje Girl, Jay B. Davis to George E. Lapham, St. Johns.

Maple Grove Beauty, D. Owen Taft to N. G. Strong, Hudson.

Miss Whitaker Colantha Girl, Chas. L. Foster to J. Webster Childs, Willis.

Wiss Winona Mechthilde, Chas. L. Foster to Harvey S. Day, Willis.

Netherland Girl-Talizac, L. E. Connell to Herbert Osmun, Osseo.

Pride of Sunfield 3d, Dar Gorham to J. B. Nickle, Mulliken.

Pure Nellie De Kol, R. E. Coe to W. R. Gates, and from W. R. Gates to W. M. Cox, Whitewater.

Ring, N. G. Strong to F. H. Thorn, Pulaski.

Rose Katherine, L. F. Trasy to Arlo E. Clement, Pittsford.

Strong, N. G. Strong to F. H. Thorn, Pulaski.

Whittaker None Such White Beauty, Chas. L. Foster to Frank R. Crandall, Howell.

MINNESOTA.

Kishie Johanna, Chas. Van Der Schaaf to John B. Irwin, Minneapolis.

Pearl Pink Johanna Dirkje, Chas. Van Der Schaaf to John B. Irwin, Minneapolis.

MISSOURI.

Daisy Belle Lamonte, De Kol Pietertje Emma 2d, Dorothy Pietertje Posch, Garland Mercedes Piebe, Grace De Kol Pauline Artis and Moneta Pietertje Posch, W. R. Gates to W. J. Brinigar, Blythedale.

NEBRASKA.

Holdrege Carlotta, E. C. Gwinner to Henry C. Glissman, Omaha.

Jessie Clothilde 2d's Soldene, Wm. J. Schluter to Henry C. Glissman, Omaha.

Jessie Clothilde 2d's Twisk, Wm. J. Schluter to Henry Glissman, Omaha.

NEW JERSEY.

Mercedes Netherland Thankful, Netherland Hiske De Kol 2d and Star Farm Appoline Mercedes, Horace L. Bronson to F. E. Van Druff, Sussex.

America Jewel De Kol, A. A. Cortelyou to A. W. Christiani, Red Bank.

Della Queen De Kol, Geo. E. Britton to Jacob Todd, Jr., Millstone.

Elzevere Barnum Mechthilde De Kol, A. A. Cortelyou to A. W. Christiani, Red Bank.

Johanna Inka Soldene, A. A. Cortelyou to A. W. Christiani, Red Bank.

NEW YORK.

Nannette Butter Boy, Winana Duchess De Kol, Winana Netherland Burke and Winana Ormsby De Kol, Henry Stevens & Son to Wm. H. Lumley, Gouverneur.

Marie Bud Plum 2d, Marie Bud Plum 3d, Plum De Kol Battels, Polly Best, Topsy Tellus, Topsy Turvy Black 2d and Topsy Turvy Black 3d, G. W. Wilcox to G. F. Carter, Syracuse.

Aaggie Peoples, Ina Spring Brook De Kol, Jewel Abbekerk De Kol and Netherland De Kol Queen Maud 2d, A. O. Poole to Horace L. Bronson, Cortland.

Aaggie of Lynfeld Genesta De Kol, Fransje Clara Pauline 2d and Miss Artis Pauline 2d, J. Irving to J. W. Dimick, Rifton.

Fannie Alba, Flora Pietertje Manor De Kol, Judy Inka De Kol and Matilda Alba, Joel E. Fuller to Charles D. Andrews, Camillus.

Jewel Pauline Mechthilde 2d, My Lady Peggy and Queen Snowball De Kol, Kingman Bros. to Van Ness & Peck, Old Chatham.

De Kol Netherland Parthenea 2d, Inka Rita, Mabel Hartje 3d, Maudaline of Elmwood and Mollie Hicks Ferzol, A. E. Woodmansee to Horace L. Bronson, Cortland.

Aaggie Jewel Colantha 2d, Queen Pauline De Kol Parthenea, Tirania De Kol Parthenea, George F. Blewer to Horace L. Bronson, Cortland.

Dulcibel De Kol, Nudine De Kol, Reba De Kol, William R. Huntington to Horace L. Bronson, Cortland.

Anna De Kol Hengerveld, Thomas Steele to Stryker & Boyson, Rome.

Anna Johanna Rue, Thomas Steele to E. H. Grems, Rome.

Athena of Marlewood, J. M. Harmon to W. K. Taber, East Aurora.

Birthday Girl, W. H. Ranlett to Lester A. Parks, South Dayton.

Bonanza Artis Johanna, Horace L. Bronson to F. M. Fish, East Freetown.

Bonnetrix 2d's De Kol Pietertje, L. J. Fitzgerald to Horace L. Bronson, Cortland.

Bonnetrix 4th, L. J. Fitzgerald to Horace L. Bronson, Cortland.

Buttercup De Kol Merdu, Henry Stevens & Son to Henry H. Wood, Whitehall.

Christmas Belle Pietertje, J. R. Benchler to Edward A. Powell, Syracuse.

Daisy Pietertje Netherland, Sackett Hart to Horace L. Bronson, Cortland.

Daisy Tompkins 3d's De Kol, Eber J. Bowdish to Grant G. Sherman, Cortland.

De Kol Koningin Pauline, A. A. Cortelyou to W. S. Hinchey, Rochester.

Docia Maia 2d, A. A. Cortelyou to W. R. Selleck, Huntington, L. I.

Dorothy De Kol Pauline, G. H. Ensign to H. J. Allard, Sheds.

Dretka Princess, M. & W. E. Timmermann to B. G. Vanalstine, Canajoharie.

Emporia Jewel, A. A. Cortelyou to F. C. Drake, Oneida.

Jacob Wit Belle Pauline, Horace L. Bronson to F. M. Fish, East Freetown.

Jessie De Kol Jondine, Frank W. Ames to A. G. Bromling, Morristown.

Johanna Echo Rue De Kol, A. A. Cortelyou to G. M. Wells, Elmira.

Johanna Twisk De Kol, Horace L. Bronson to J. C. Eddy, Williamson.

Lady Crusoe Netherland De Kol, Eber J. Bowdish to John Miller, Cortland.

Lady Crusoe Pauline De Kol, Eber J. Bowdish to David E. McAuliff, Cortland.

Lady Schouten De Kol, Frank S. McGregor to John W. Clark, Gouverneur.

Lady Schouten Netherland Truth, Frank S. McGregor to John W. Clark, Gouverneur.

Lady Tompkins Lutscke, George A. Warn to Horace L. Bronson, Cortland.

Maggie Cornucopia, M. C. Stoddard to Cortelyou to B. B. Andrews, Syracuse.

Maud Twisk Rue, Horace L. Bronson to W. B. Whitlock, Warwick.

May Pietertje Mechthilde 2d, Walter S. Keene to J. D. Hagan, Lacona.

Mutual Friend Kekke, Frank W. Ames to A. G. Bromling, Morristown.

Myretta De Kol Pietertje, E. E. Poole to Horace L. Bronson, Cortland.

Pauline De Kol Hillview, Gaylord C. Louis to James McCormick, Greenwood.

Pauline Netherland De Kol Wayne, Henry Stevens & Son to Henry H. Wood, Whitehall.

Piebe Gem De Kol Vale, A. A. Cortelyou to J. A. Stanton, New Woodstock.

Pontiff Milley, J. R. Hathway to Horace L. Bronson, Cortland.

Primrose Queen May, M. C. Grout to A. Bradley, Frewsburg.

Princess De Kol Beets, Eber J. Bowdish to Grant G. Sherman, Cortland.

Queen Baroness De Kol, F. M. Bullis to W. B. Bullock, Sherburne.

Roella Wayne De Kol Pietertje 2d, George N. Morrow to John McKenney, Montgomery.

Roxy Netherland, Horace L. Bronson to George G. Norton, Clinton.

Thelma Minerva, J. H. Clark to H. L. Low, Dwaarkill.

Tina Aegis Pietertje, Thomas Steele to Stryker & Boyson, Rome.

Wixom Key 2d's Rue, A. A. Cortelyou to G. M. Wells, Elmira.

Zozo Colantha Lady De Kol, C. E. Snyder to F. A. Pangburn, Pennellville.

OHIO.

Beauty Pietertje Concordia, Daisy De Kol Clothilde and Queen of America, The O. C. Smith Company to L. E. Connell, Fayette.

Augusta Nudine, J. D. Nichols to A. S. Boswell, Novelty.

Baroness Paul De Kol Countess De Kol, D. N. Myers to Frank P. Sutliff, Wellington.

Beauty Hengerveld De Kol, Joe Dodge to Frank P. Sutliff, Wellington.

Beauty of Portage De Kol, J. D. Nichols to George Hodges, Burton.

Buckeye Queen 3d, William Tomes to L. E. Connell, Fayette.

Clothilde Belle Concorde, William Tomes to L. E. Connell, Fayette.

Eudora Netherland of Portage 3d, Nichols & Weasner to Geo. Hodge, Burton.

Eva Brank Tula De Kol, J. W. Patch to R. E. Whiting, Austinburg.

Gertlyn Aaggie, J. D. Nichols to The O. C. Smith Company, Parkman.

Gertlyn 3d, J. D. Nichols to N. J. Curtis, West Farmington.

Gertlyn 3d's Beauty, J. D. Nichols to Harry Thomas, Hiram.

Hettie Thorne 2d, G. B. Roice to L. E. Connell, Fayette.

Lady Kuperus Pietertje, H. C. Nichols to L. E. Connell, Fayette.

Lady Natalie Hengerveld, N. H. Hall to S. A. Gamberling, Kent.

Lady Rita, J. D. Nichols to A. C. Lew, Bristolville.

Lady Rita 3d, J. D. Nichols to Frank P. Sutliff, Wellington.

Lula De Vries, Harry R. Hathaway to L. E. Connell, Fayette.

Madge Alden, Esther A. Horr to L. E. Connell, Fayette.

Maid Ramoua of Athens, H. L. Stuart to S. K. Warner, Wellington.

Miss Bertha Nudine, J. D. Nichols to J. H. Schindler, Cleveland.

Netherland Aaggie Daw Mechthilde, Frank P. Sutliff to Wm. Tomes, Strongsville.

Netherland Girl Talizac, Frank P. Sutliff to L. E. Connell, Fayette.

Nudine Bertha J 2d, J. D. Nichols to D. P. Thomas, Cleveland.

Nutford's Maid of Henrietta, C. D. Kendeigh to Henry Greiner, Sandusky.

Pretoria De Vries, J. C. Doolittle & Son to L. E. Connell, Fayette.

Ramoua Dora, H. L. Stuart to J. E. Oxender, Lodi.

Ramoua Grace, H. L. Stuart to J. W. Pike, Sullivan.

Tilda Kuperus, Charles Canfield to A. C. Barber, Chesterland.

Tilda Kuperus De Kol, Charles Canfield to A. C. Barber, Chesterland.

Tirania Lady Clothilde, H. F. Tracy to C. L. Seward, Seward.

Wahabee's Mercedes Pearl, Thad E. Buck to A. Stockwell, Sunbury.

ONTARIO.

Burke Hengerveld, Frank W. Ames to O. Lillie, Westport.

De Kol Mantel 3d, Frank W. Ames to O. Lillie, Westport.

PENNSYLVANIA.

Maple Grove Hartog Gem, Mechthilde Korndyke De Kol and Molly Wood 2d's De Kol, Horace L. Bronson to Albert F. Herr, Strasburg.

Aaggie Wayne Korndyke, Henry Stevens & Son to H. G. Stanton, Clifton Heights.

Beauty Queen Pet, R. E. Coe to G. A. Pickering, Thompson.

Lila Agnes De Kol, J. M. & D. M. Bailey to Harry M. Owens, New Galilee.

Pauline Wayne Pet, R. E. Coe to G. A. Pickering, Thompson.

Queen Minnie Wayne 2d, Henry Stevens & Son to H. C. Stanton, Clifton Heights.

Wilda Tromp De Kol, James W. Lain to Jerome R. Spencer, Jackson Summit.

RHODE ISLAND.

Netherland De Kol Thankful, Horace L. Bronson to C. C. Hall, North Scituate.

Vivace, Horace L. Bronson to C. C. Hall, North Scituate.

VERMONT.

Clothilde Artis Topsy 3d, A. R. Marsh to Walter Austin, Weston.

Lady Bowen Mechthilde, A. R. Marsh to Chas. D. Hodges, E. Wallingford.

VIRGINIA.

Miss Clay Lick Bonheur, Miss Clay Lick 3d's De Kol, Miss Clay Lick 4th, Miss Clay Lick 4th's De Kol, Miss Clay Lick 4th's Pauline Clyde and Zelka De Vries, J. J. Weir to Hollins Institute, Hollins.

WISCONSIN.

Beauty Pietertje Concordia, Buckeye Queen 3d, Clothilde Belle Concorde, Daisy De Kol Clothilde, Lady Kuperus Pietertje, Lula De Vries, Madge Alden, Pretoria De Vries, Queen of America, L. E. Connell to Pietrie & Katzman, Elkhorn.

Corona Pledge Pet, De Kol Pietertje Pet, Mercedes Elvie De Kol Pietertje Nellie Pauline Pet, Pauline Jewel Johanna, Pauline Paul Pet, Pledge Pauline Pet and Wayne Pet, R. E. Coe to Carl Foll, Deerfield.

Aaggie Netherland Princess, John O. Johnston to C. Beveridge, Lake Mills.

Aaltje Maid 2d, A. L. Williams to William C. Adams, Eden.

Brookside De Kol Clothilde, E. R. Woodman to N. F. Sholes, and from N. F. Sholes to Carl Foll, Deerfield.

Fern Cliff Piebe Queen, A. L. Williams to W. A. Simmons, Ripon.

Grace Wa Wa, H. J. Goelza to Joseph Silbernagel, Elkhart.

Junette Careme Johanna, A. L. Williams to Ed. Schroeder, Rosendale.

Lady Waldorf Burke, Frank B. Fargo to Henry Walsh, Sheboygan Falls.

Leo Beauty Posch, Frank P. Sutliff to Frank B. Fargo, Lake Mills.

Josephine Ernest Clothilde, W. D. McGill to Schley Bros., Waukesha.

Madam Wickfield 2d, A. L. Williams to Arthur Cross, Randolph.

Maudina of Beechwood 2d, H. J. Goelzer to John Rupp, Chilton.

Merle Melchior, H. J. Goelzer to John Rupp, Chilton.

Miss Mercedes De Kol, Ezra Blumer, Jr., to Will Harper, Monroe.

Morna Pietertje 2d, J. Trumpy & Son to Russell Trumpy, Clarno.

Netherland Celeste Bartlett, R. E. Coe to W. R. Gates, Ft. Atkinson.

Unique Houwtje Huntress, A. L. Williams to Ed Schroeder, Rosendale.

Woodman Queen, E. B. Woodman to N. F. Sholes, and from N. F. Sholes to Carl Foll, Deerfield.

Zanca De Kol Longfield, W. C. Winkleman to H. F. Parks, Elkhorn.

List for Week Ending Dec. 14, 1907.

COWS.

CALIFORNIA.

Helena Burke of Riverside, May of Riverside, Netherland Maud Moole of Riverside, Riverside Baby Idlewild, Riverside Bonnie, Riverside Fannie, Riverside Frances, Riverside Sadie and Riverside Sjoukje, Chas. D. Pierce to H. W. Meek, San Lorenzo.

Cara Mia De Kol, Cara Mia De Kol Belle, Cara Mia De Kol Nanza, Dorothy Bright Eyes, Dorothy of La Siesta, Ercilla Rose, Lill De Kol 3d, Lill De Kol 3d's Dewdrop, Lill De Kol 3d's Molly, Sharon Rose of La

Siesta and Yoshida, J. M. Spencer to L. E. Smith, Pixley.

CANADA.

Brookside Hark, Stevens Brothers-Hastings Co. to L. J. Harwood, Montreal.

Lucy Roosevelt, H. E. George to W. E. Wallace, Penobsquis, New Brunswick.

COLORADO.

Manretania, Prevost — Haver to C. W. Curtis, Sedalia.

ILLINOIS.

Gerben Josephine De Kol 2d, Wisconsin Live Stock Association to E. M. Metcalf, Gurnee.

Inka Vale Mercedes De Kol, G. M. Lyon to Millie .. Scott, Chrisman.

INDIANA.

General Paul De Kol's Mercedes, Leander Jones to Henry C. Rathmann, Hebron.

IOWA.

Arly Myrtle De Kol, Geo. Eichacker to Wm. Clute, Earlville.

KANSAS.

Anna Battels De Kol, Lady Hermine, Lady Langaty, Lilly Melchoir 2d, Madison Diamond De Kol and Skylark Hendrika, Leonard W. Gay to G. G. Burton, Topeka.

MAINE.

Fawn Aaggie Clay, C. A. Bonney to J. L. Suckles, E. Sumner.

Lucelia Mercedes, A. L. Adams to E. S. Gifford, Auburn.

Princess Bell Mercedes, A. L. Adams to E. S. Gifford, Auburn.

MARYLAND.

Kitty of Tuleyries, P. L. Hargett to C. W. Grossnickle, Ellerton.

Vera of Tuleyries, P. L. Hargett to S. T. Hargett, Frederick.

MASSACHUSETTS.

Clothilde Mercedes Janet, Pauline Burke Inka Pietertje 2d, Plum De Kol Lass Daisy 2d and Princess Parthenea Artis 2d, Stevens Bros.-Hastings Co. to T. J. Bowlker, Boston.

Aaggie Merrel Tressa, Geo. S. Marsh to Arthur W. Sibley, and from A. W. Sibley to O. A. Kelley, Worcester.

Christina Abbekerk, E. A. Keigwin to Scott B. Jones & Sons, Sutton.

Fancy De Kol, A. W. Sibley to H. W. Carter, Millbury.

Fancy De Kol Clothilde, A. W. Sibley to C. G. Carlson, W. Auburn.

Grace Shepard De Kol, Arthur W. Sibley to Herman S. Cheney, Southbridge.

Lady Thurston, Chas. Robinson to F. M. Clifford, Oakham.

Loto's Favorite Belle, Gertrude W. Byam to B. A. Cluff, Dracut.

No. 12 of Earl of Clothilde, Arthur W. Sibley to M. T. Carrigan, Concord.

Onalaska, Arthur W. Sibley to Herman S. Cheney, Southbridge.

Onalaska De Kol, Arthur W. Sibley to M. T. Carrigan, Concord.

Queen Virginia 2d, Geo. E. Jones to Wm. Foss, Concord.

Rustic Lass of Millis 2d, Harry C. Greene to B. A. Cluff, Dracut.

Trilby Aaggie Snowflake 3d, J. H. D. Whitcomb to Henry W. Carter, Millbury.

MICHIGAN.

Bessie De Kol of the River 2d, Queen of Grape Bleske, Sue Pietertje De Kol, Frank R. Crandall to Tracy F. Crandall & E. E. Howe, Howell.

Aaggie Pauline Calamity Wayne, Frank R. Crandall to Allen D. Snow, Howell.

Abbie Chester Lady 2d, Jay B. Davis to G. W. Lapham, St. Johns.

Daisy Beauty Dewdrop, Frank R. Crandall to Dewey C. Pierson, Hadley.

Fairview Segis Marie, F. H. Thomson to L. A.. Lonsby, Vernon.

Pauline Calamity Jane, Frank N. Steele to John Arthur, Farmington.

Pearl Tryntje De Kol, Frank R. Crandall to Allen D. Snow, Howell.

Spotted Fearless, Jay B. Davis to Geo. E. Lapham, St. Johns.

Stony Brook Netherland De Kol, John Arthur to J. H. Johnson, Farmington.

Vashti De Kol Pauline, C. G. Warren to J. L. Jones, Hartford.

MISSOURI.

Uno Canary, Fred Rausch to Frank Channing, and from Frank Channing to B. L. Bean, Cameron.

NEBRASKA.

Geertje Parthenea, Glenlora's Pride and Parana Abbekerk's Lady Parthenea, Estate of W. H. McCall to A. R. Carruth, Ashland.

Carlotta Lady Parthenea 2d's Princess, A. R. Carruth to University of Nebraska, Lincoln.

Hastings Johanna Henry, Asylum for Insane to Henry C. Glissmann, Omaha.

NEW HAMPSHIRE.

Abbie Imperial, Dora of Hill Side, Dora of Willow Spring, Glendara De Kol, Imperial Copia De Kol, Princess Dora De Kol, Sadie Imperial and Sadie Copia De Kol, H. H. Cogswell to J. F. Andrews, Sugar Hill.

Blanche De Kol Lincoln, D. H. Goodell to W. E. Stearns, Rindge.

Serena Silky Oakland, D. H. Goodell to A. H. Moody, Warner.

Whitey Bismarck, Arthur W. Sibley to C. H. Thomas, W. Rindge.

NEW JERSEY.

Betsy of Lynn, W. E. Taylor to H. B. Herr, Flemington.

Genesta Hartog, I. S. Lowe to J. V. M. Higgins, Wertsville.

Luella Pauline Netherland, Fred J. Per Lee to Bernhard Meyer, Finderne.

NEW YORK.

Flora Hamilton Korndyke, Lela Korndyke and Ovidia De Kol, W. H. Hughes to R. D. Lee, Cazenovia.

Alice Gipsey Content, E. A. Olin to Herbert P. Smith, Smyrna.

Lorinda Ykema, Lorinda Ykema Content, E. A. Olin to Herbert P. Smith, Smyrna.

Colantha De Kol Johanna, Daisy Shadeland Canary, De Kol Clothilde Parthenea, De Kol Maplecroft Netherland, De Kol Netherland Canary, De Kol Netherland Pietertje, Netherland De Kol Pietertje and Shadeland Daisy Perfection, C. F. Hunt to W. W. Cheney, Manlius.

Aaggie Leila Clothilde Artis, Josephine Posch Vale and Oatka Pietertje De Kol, Henry W. Underhill to W. R. Selleck, Huntington, L. I.

Hollander Colantha, Netherland De Kol Lily and Pauline De Kol Fytje, Fred Manning to Geo. F. Blewer, Weltonville.

Blanche Nudine 2d, Blanche Nudine 3d, Blanche Ophelia 2d, Maid Ophelia Rauwerd 2d, Maid Ophelia Rauwerd 3d, Ramoua Maid Mercedes 2d, and Rena Mercedes Ethel Pet 2d, T. E. Welch to G. F. Carter, Syracuse.

Beryl Wayne Boon 2d, Bessie De Kol Lamb 2d, Concorde Alice 3d, Countess Pride De Kol, De Kol Admiral Pauline Beauty, Ella De Kol Wayne, Eloise De Kol Nephele, Goudgeld Mercedes Wietske, Pauline Pietertje Tietje Artis, Princess Mechthilde Wayne and Queen De Kol Netherland Lucile, J. T. Howell & Son to N. F. Sholes, Earlville.

Appoline Louise De Kol, De Kol Anna Netherland, De Kol Bessie Hengerveld, De Kol Lady Blanche, De Kol Pearl Hengerveld, Fannie De Kol Paul Tiffany, Hattie Texal Tiffany, Pearl Johanna Aaggie Tiffany and Topsy Tiffany, F. M. Tiffany to E. A. Powell, Syracuse.

Aaggie Laurelle De Kol, Geo. N. Morrow to John McKenna, Bullville.

Adventuress De Kol Uilkje, E. E. Poole to C. F. Hunt, and from C. F. Hunt to H. D. Crossman, Weedsport.

Albino Flura, Eugene S. I. Meredith to Newton & Brown, Cazenovia.

Beauty De Kol Pauline Netherland, N. F. Sholes to J. T. Howell & Son, and from J. T. Howell & Son to J. Brown, Munnsville.

Belle De Kol Burke Veeman, Geo. Coye to Arthur Moot, Lincklaen.

Belle Pietertje Beauty, A. A. Hartshorn to Chas. A. Lathrop, Sherburne.

Belle Walker Pietertje, A. A. Hartshorn to Irving Cornell, Stamford.

Ben Jessie 3d's De Kol, A. F. Swan to C. E. Slocum, Little Valley.

Boon De Kol, Amos T. Eblom to John Ackley, Conewango Valley.

Calaban Inka Mechthilde Prnicess, S. H. Blanchard to Grant A. Burdick, Liverpool.

Camelia Pietertje, Eugene S. I. Meredith to Newton & Brown, Cazenovia.

Cornelia De Kol, Jessie DuBois to J. W. Dimick, Rifton.

Daisy Gladiola De Kol, H. A. Moyer to W. E. Farr, Elmira.

Ellen Purmer De Kol, J. R. Benchler to E. A. Powell, Syracuse.

Elmwood Fancy 2d, C. W. Williams to Geo. F. Carter, Syracuse.

Idyl De Kol Grace, E. C. Hunter to Richard Hicks, Auburn.

Idyl De Kol Pietertje, Richard Hicks to E. C. Hunter, Ensenore.

Govers De Kol, Ira Clark to Tanner & Goff, Canisteo.

Guessnot Pauline De Kol, Eber J. Bowdish to John Miller, East Horner.

Hadria 2d's Queen, Floyd Spurr to S. Nelson, S. Edmeston.

Hartog De Kol Royal, A. J. Lamb & Langworthy to James Lee, Earlville.

Highland Belle De Kol, W. A. Carr to F. A. Place, Oswego.

Hillside Edna Peitje, J. N. Conyngham to D. E. Carley, Lisle.

Hillside Florence Pietje, J. N. Conyngham to D. E. Carley, Lisle.

Kekke Korndyke Princess, S. H. Blanchard to Hutchins Bros., Pulaski.

Korndyke Mechthilde, S. H. Blanchard to Hutchins Bros., Pulaski.

Kuperus Walker, A. A. Hartshorn to John M. Howard, Sherburne.

Lady Krusoe Netherland, Eber J. Bowdish to Hermon Bemond, Cincinnatus.

Lady Johanna Mercedes Vale, H. L. Low to G. Schwartz, Wallkill.

Lady Ruth Elliston, Mrs. Myra S. Ackles to G. G. Burroughs, Tully.

Nada Clothilde De Kol, W. R. Selleck to Henry W. Underhill, Jericho.

Nancy Paul, George N. Morrow to John McKenna, Bullville.

Nannette Myrtle Stienser, Fred J. Per Lee to Dan S. Judd, Canton.

Nellie Earle, Mrs. Myra S. Ackles to Solvay Process Company, Tully.

Pansy Korndyke, Don J. Wood to Swartout & Jarvis, Hartwick Seminary.

Parthenea Clothilde Nita, Jonathan Wyckoff to W. A. Carr, Tully.

Pet Rag Apple Pietertje, John H. Lidell to J. A. Byard and J. H. Lidell, Schuyler Lake.

Pietertje Topsy Barber, A. L. Draper to Stevens Bros.-Hastings Co., Liverpool.

Pledge 4th's De Kol 2d, Gerrit S. Miller to Mrs. E. D. Worden, Canastota.

Princess Ruby De Kol Burke, John H. Starin to Fred Schaufelberg, Amsterdam.

Queen Aaggie Burke De Kol, John Many to Stevens Bros.-Hastings Co., Loverpool.

Queen Aaggie Pietertje, John W. Ball to E. L. Talbot, Burlington Flats.

Queen Manor De Kol, D. J. Hollis to Stevens Bros.-Hastings Co., Liverpool.

Queen Pietertje Wayne De Kol, John Many to Frank Roberts, Utica.

Risky Belle Pietertje, John W. Ball to E. L. Talbot, Burlington Flats.

Rosaline Elmwood, Stevens Bros.-Hastings Co. to H. M. Dunham, Baldwinsville.

Salzell De Kol Guessnot, Eber J. Bowdish to Frank G. Corter, Marathon.

Shadeland Upatoie De Kol, Amos T. Eblom to John Ackley, Conewango Valley.

Snowball Clothilde 4th, Don J. Wood to Swartout & Jarvis, Hartwick Seminary.

Susie Brighton, Stevens Bros.-Hastings Co. to H. M. Dunham, Baldwinsville.

Taconic Queen De Kol, H. C. Guild to A. V. Nicoll, Washingtonville.

Topsy De Kol Burke Judy, Joel E. Fuller to Chas. D. Andrews, Camillus.

Wielinga Wayne De Kol, L. H. Stephens to Rofinet Bros., Lowville.

Winsome Maid Pietertje, Wing R. Smith to Henry Stevens & Son, Lacona.

OHIO.

Edna Pel, Nellie Modena and Oakland Colie Paul 2d, G. H. Bancroft to Frank P. Sutliff, Wellington.

Minnie Erie, Zell Zobeda and Zwen De Kol, D. N. Myers to Esther A. Horr, Wellington.

Artis Leaffy, Fanny Begole 3d and Verbelle De Kol Clothilde, D. N. Myers to C. E. Haulk, La Grange.

Caddy Fitch 4th, Caddy Fitch 5th, Lady Dot Castine and Lulu Andra, Frank Eglin to S. K. Warner, Wellington.

Alliquippa Netherland, J. A. McCullough to W. F. Rudibaugh, Lisbon.

Edna Pel, E. G. Bancroft to G. H. Bancroft, Nelson.

Fausta Netherland, J. A. McCullough to W. F. Rudibaugh, Lisbon.

Helena Burke De Kol 9th, Frank G. Thomson to Thomson Farms Co., and from Thomson Farms Co. to J. C. Smith, Castalia.

Kenilworth Jewel De Kol, Emma Prior to R. Rowlee, Lockwood.

Lady Senora De Kol, N. H. Hall to S. A. Gemberlin, Kent.

Lanona Southern, W. H. Conrad to Frank P. Sutliff, Wellington.

Lucy Rauwerd Konig, J. Henry Mooren to Ezra A. Atwater, Cleveland.

Mahomet Konig De Kol, E. E. Ferriman to Esther A. Horr, Wellington.

Mary Dellhurst Pauline De Kol, H. J. Atwood to Joe Merriman, Burton.

Mazie Bawndale Beauty 2d, Clark Richardson to D. S. Knight, Lyons.

Royalton Mercedes Princess, Clark Richardson to D. S. Knight, Lyons.

ONTARIO.

Duchess Netherland Varcoe, H. E. George to E. Hughes, Harper.

Netherland Varcoe Beryl Wayne, H. E. George to Daniel Vaukougnett, Parry Harbor.

Susie Roosevelt, H. E. George to E. Hughes, Harper.

OREGON.

Belle of Harrison, John Campbell to Julius F. Peerenboom, Banks.

PENNSYLVANIA.

Arlep Winkje Clothilde 2d, Lackawanna Breeders' Association to Chas. A. Stickler & Bros., Wilkesbarre.

Burgettstown Fairy, J. H. McElhany to J. G. Paxton, and from J. G. Paxton to J. W. McKenny, Lock.

Hulda Isabel, J. G. Paxton to I. N. Paxton, Canonsburg.

Indica Pink Bertha 2d, J. M. & D. M. Bailey to S. S. Creese, New Galilee.

Jennie Waverly Pearl, J. G. Paxton to I. N. Paxton, Canonsburg.

Johanna Colantha Cornucopia, G. M. & S. S. Lyon to J. G. Packer, Beech Creek.

Johanna Cornucopia Perfection 2d, G. M. & S. S. Lyon to S. R. Ellsworth, Tunkhannock.

Johanna Pietertje De Kol 2d, G. M. & S. S. Lyon to S. R. Ellsworth, Tunkhannock.

Johanna Wynola 2d, Lackawanna Breeders' Association to G. A. Spencer, Waverly.

Lilith De Kol Clothilde, G. M. & S. S. Lyon to J. H. Stephens, New Florence.

Maydale Maid De Kol, C. A. Waid to J. W. Calvert, Greenville.

Mollie Sprite 3d's Queen, Morgan G. White to J. G. Paxton, Houston.

Paxton Affra Otley, Morgan G. White to I. N. Paxton, Houston.

Sadie Plum Mercedes De Kol, G. M. & S. S. Lyon to J. H. Stephens, New Florence.

Syfax 2d's Hulda 3d, J. G. Paxton to J. L. & J. Q. McKinney, Lock.

The Lady Sibyl, G. H. Davis to A. P. Davis, Westfield.

Tromp Clothilde Torret, Lackawanna Breeders' Association to L. W. Pratt, Le Raysville.

Von Holingen Countess, Lackawanna Breeuers' Association to Chas. A. Sickler & Bros., Wilkesbarre.

RHODE ISLAND.

Onyx Soldene Hengerveld De Kol, Medfield Insane Asylum to Allen Money, Slocum.

VERMONT.

Pauline Pet Clothilde 2d, E. C. Rindge to C. L. Witherell, Middlebury.

Winsome Concordia 2d, F. L. Houghton to A. B. Clapp, Brattleboro.

WISCONSIN.

Clara Vokolina Barbetta, Cleome's Zweite 2d, Fern Cliff Beauty, Hazeltine Pauline Colantha and Pride Mechthilde of Oakland, A. C. Demerit & Son to Stuart Mutch, Jewett.

Fayne Gertrude De Kol, Neta Babius De Kol, Pearl Johanna, Pearl Johanna Fayne and Pietertje Johanna 2d, John Blaska to M. F. Peck, Marshall.

Bawndale Lady Cozette, Charity Belle De Kol [illegible], Felecia Lyons, Geraldine Boon De Kol 2d, Jolie Clothilde Dinah De Kol, Mildred De Kol Butter Queen, Nina Burke, Queen Highland Beauty and Rovillia De Kol Burke, Frank P. Sutliff to E. J. Fargo, Lake [illegible].

Dolly De Kol [illegible]eauty of Clover Hill, Fraulein Duchess 2d, and Inez De Kol, William Tomes to E. J. Fargo, Lake Mills.

Aaggie Magnet 2d, W. H. Zimmerman to Ernest Welz, Clarno.

Alice De Kol Gerben 2d, E. C. Hoff to L. W. Ryder, N. Bend.

Aziza Natsey De Kol 2d, E. C. Hoff to L. W. Ryder, N. Bend.

Bessie De Kol De Freule, M. F. Peck to Geo. A. Groth, Pewaukee.

Buntie Burg, J. P. Brill to Jewett Bros., Plymouth.

Daisy Burg, J. P. Brill to E. E. Eastman, Plymouth.

Daisy Burg 2d, J. P. Brill to E. E. Eastman, Plymouth.

Edgetown De Kol Beauty, Enoch J. Fargo to Scott Lloyd Jones, Hillside.

Flora May Ormsby, W. H. Zimmerman to A. A. Williams, Juda.

New Coelyn Princess De Kol, S. E. Blunt to W. R. Gates, Ft. Atkinson.

Ruby De Kol Cozette, Walter & Babb to E. J. Fargo, Lake Mills.

Maud G, J. P. Brill to H. J. Goelzer, Plymouth.

Nettie Burg, J. P. Brill to G. J. Wieberdink, Oostburg.

BULLS.

ARIZONA.

Marguerite Lad, Alex Snedden to James Johnston, Lehi.

CALIFORNIA.

Carlo of Riverside and Mechthilde Captain of Riverside, Chas. D. Pierce to H. W. Meek, San Lorenzo.

Clothilde of Riverside, Lord Korndyke of Riverside and Prince Roma of Riverside, Chas. D. Pierce to Spreckles Sugar Co., Spreckles.

Hartog Prince of Riverside, Chas. D. Pierce to Preston School of Industry, Waterman.

Jetze Pietertje of Riverside, Chas. D. Pierce to R. F. Schmeiser, Davisville.

Romeo Colantha of Riverside, Chas. D. Pierce to C. F. Aaron, Marysville.

Sir Mechthilde Josephine, J. M. Spencer to L. E. Smith, Pixley.

CONNECTICUT.

Prince Clothilde Rogers, Frederic J. Ford to Lester Ford Harvey, Romford.

ILLINOIS.

Bristol Mechthilde De Kol, C. M. Davis to Joseph Simeons, Lombard.

Sir Beryl Wayne Grindetia, Fred Trumpy to Clay B. Bridge, Orangeville.

Sir Leda De Kol Burke, J. P. Mason to Allison Blanks, Granger.

Sir Rector De Kol 2d, N. L. Madison to L. Irwin, Quincy.

Vale Hengerveld Sir De Kol, Fred Trumpy to R. C. Knepp, Harvard.

KANSAS.

Alma Lad De Kol, J. M. Beach to F. A. Seaman, Maple Hill.

MAINE.

Duke of Cloverlawn, R. M. Austin & Son to C. D. Austin, Auburn.

Mike Clay De Kol, C. A. Pride to J. H. Clark, So. Paris.

Mike De Kol, Walter E. Webster to D. B. Wiley, Greene.

MARYLAND.

Vidi, P. L. Hargett to S. T. Hargett, Frederick.

MASSACHUSETTS.

Barna Daisy Pietertje, Rankin Bros. to Williams Bros., Easton.

Irene De Kol Burke Count, Henry B. Dean to Marcus W. Feldman, and from Marcus W. Feldman to C. C. Adams, and from C. C. Adams to Daniel A. Howe, Worcester.

Mutual De Kol Beets Westminster, Overlook Farm to W. J. Whebbe, Westminster.

Prince Doucette Albina De Kol, Herman S. Cheney to Clarence Jacobs, Dudley.

MICHIGAN.

Decker Netherland Paul De Kol, George Barnes to E. R. Waldron, Mount Pleasant.

Paul Aaltje Concordia, R. P. Wenham to George W. Newcombe, Temperance.

MINNESOTA.

Prince Inka Withrow De Kol, Wililam Jeans to R. C. Blackmer, Albert Lea.

Sir Ormsby Pietertje, E. T. Eastenson to Albert Anderson, West Brook.

MONTANA.

Sir Josephine Ernest, William Everson to George Soule, Billings.

NEBRASKA.

Peter Saltillo Gerben, John C. Doubt to John G. Miller, Aurora.

Sampson Gerben Sir De Kol, John C. Doubt to Hough & Prahl, Pierce.

Sharon Gerben De Kol, John C. Doubt to C. E. Keyes, Springfield.

NEW HAMPSHIRE.

Buckeye Pietertje Paul, Arthur W. Sibley to H. A. Stearns, West Rindge.

NEW JERSEY.

Aaggie Beryl, Morris Rutherford to Isaac Jennings, Hamburg.

Hardyston Billy, Morris Rutherford to W. D. Beemer, Monroe.

Maple Wayne Lilith Count, Loomis Bros. to John Quirk, Woodston.

NEW YORK.

Andire De Kol Posch, Norris M. Compton to Estate of Fred W. Hughson, Elmira.

A. & G. Butter King 2d, Hubbs Bros. to James W. Alvoord, Kirkville.

A. & G. Butter King 3d, Hubbs Bros. to J. P. Peck, Kirkville.

Clothilde Artis Count, Ira S. Jarvis to I. J. Keyes, Mount Vision.

Clothilde Paul Count, John Jacquay to Rowland Bros., Sherburne.

Cold Brook Katrino De Kol, Lewis Whitford to Willard State Hospital, Willard.

Cornucopia Korndyke Netherland, Don J. Wood to C. F. Stannard, Springfield Center.

Count Mercedes Atossa, Samuel J. Tilden to E. R. Potter, Stephentown.

Count Nelien De Kol, Chas. I. Bull to John C. Baird, Chester.

Flora Brank Pledge Son, Hubbs Bros. to Eben L. Taylor, Kirkville.

Genesta Colantha Paul Beets De Kol, Albert Manning to Joseph Smith, Johnson.

Genesta Prince De Kol Beets, P. C. Dugan to James Hutton, Slingerlands.

Hillview Clothilde Klaver, William Rollins to M. D. Cheesman, Canisteo.

Joe Vale De Kol, Harry B. Davis to Novitiate of St. Andrews-on-Hudson, Poughkeepsie.

Johanna Hope, W. A. Carr to James Pierce, Jr., Vesper.

Pauline Paul Sarcastic Lad, J. A. Rude to Morris Rutherfurd, Warwick.

Pietertje De Kol Burke Prince, Arthur Wyatt to Fred W. Gardner, Hoosick Falls.

Prince Tina Pietertje, W. A. Carr to Fred Riehlman, Otisco.

Prince Ybma Spofford 10th, E. H. Knapp & Son to W. C. Voegtlin, Annandale.

Prince Zozo De Kol Count, Samuel J. Tilden to Frank Sherman, Copake.

Sir Beryl De Kol Netherland, Lamb Bros. to Le Roy Lamb, Hamilton.

Sir Cornucopia Hartog, Don J. Wood to John McNamara, Richfield Springs.

Sir Cornucopia Mechthilde, Don J. Wood to F. L. Barton, East Winfield.

Veeman Butter Boy Prince, Fred N. Watkins to Herbert Watkins, Camden.

Willie Barrington, Fred N. Watkins to John Webb, Camden.

OHIO.

Artis Johanna Lad, D. N. Myers to G. A. Hahn, Oberlin.

De Kol Clothilde Stark, J. H. Sheets to William Justice, Louisville.

Duke De Kol of Stark, J. H. Sheets to Enos Holl, New Berlin.

Hengerveld De Kol Aaggie, B. S. Miller to G. H. Miller, New Waterford.

Johanna Verbelle De Kol, D. N. Myers to C. E. Haulk, La Grange.

Prince Pel Kruger, E. G. Bancroft to G. H. Bancroft, Nelson.

Woodland Belle Butter Boy 2d, R. A. Underwood to C. L. Vesy, Lockwood.

PENNSYLVANIA.

Century Farm Duke, J. G. Paxton to L. C. Hays, Imperial.

De Kol Butter Boy Jewess 2d, H. H. Hall to J. L. Patterson, McConnellsburg.

Hillside Pietje Alma, J. N. Conyngham to A. Ryman & Sons, Dallas.

Queen Emperor, Morgan G. White to I. N. Paxton, Houston.

Sir Hildebrand of Marlewood, J. M. Harmon to the Estates of Wm. Weightman and Annie E. Walker, Malvern.

Sir Ralph Clothilde De Kol Alban, J. P. Ahrens to F. M. Early, Sherman.

Wade Hampton Pietertje, J. M. Harmon to the Estates of Wm. Weightman and Annie E. Walker, Malvern.

VERMONT.

Belmont Yanko Boon Paul, C. L. Witherell to G. W. Prindle, Charlotte.

Daisy De Kol, Prince Nemesis 2d, C. S. Goodnow to F. L. Cross, Whitingham.

WISCONSIN.

Aegis Johanna Longfield, Fred Trumpy to Casper K. Altman, New Glarus.

Daisy Jumbo De Kol, George Young to Julius J. Welke, Fall Creek.

Elmwood Sir Korndyke, U. L. Lashbrook to J. E. DeWolf, Barron.

Hartog De Kol Alban, W. R. Gates to William Ball, Oconomowoc.

Jip Netherland, T. F. Vannedom to Paul C. Rucks, Marshfield.

Johanna Parthenea Sarcastic Lad, S. J. Johnson to L. G. Legler, and from L. G. Legler to P. J. Newman, Juda.

Johanna Paul Barbetta, A. C. Demerit & Son to Stuart Mutch, Jewett.

Johanna Rue Mechthilde, L. G. Legler to H. J. Randall, Brandon.

Junius Yeslet De Kol, J. P. Brill to D. E. Vanderhoof, Waldo.

Major Gerben Boelyn 2d, William Everson to George W. Hake, Jefferson.

Nerves Longfield, Fred Trumpy to Casper Zwickey, Belleville.

Piebe Pontiac Hengerveld, R. J. Schaefer to O. C. Pilling, Chilton.

Prince Rue Mercedes, H. J. Goelzer to Joseph Dehmer, Osceola.

Sir Fayne Rose De Kol, John Blaska to M. F. Peck, Marshall.

Sir Homestead Lad, E. E. Canniff to W. H. Jones, Juneau.

Sir Mercedes Yeslet, H. J. Goelzer to Fred Pilgrim, Osceola.

Sir Netherland De Freule De Kol, M. F. Peck to George A. Groth, Pewaukee.

Vale Aaltje Baker, W. C. Engsberg to Reed & Coombs, Lake Mills.

Zanca Netherland, H. F. Park to Pramer & Livingston, Sharon.

Yazo Sievia, T. F. Vannedom to F. Hodgden, Stratford.

WEEK ENDING DEC. 21, 1907 . . . . . .

List for Week Ending Dec. 21, 1907.

COWS.

CALIFORNIA.

Aafke De Kol of Riverside, Jetze Anna of Riverside, Jetze Drosky of Riverside, Jetze Sadie of Riverside, Riverside Aaggie Starlight, Riverside Princess Alice and Riverside Trilby, Chas. D. Pierce to Preston School of Industry, Waterman.

Annie of Riverside, Fidessa 2d, Girlie of Riverside, Ijtje Juliana of Riverside, Inka Tritomia of Riverside, Korndyke Queen De Kol of Riverside, Riverside Salambo Minnewawa, Romeo Beauty of Riverside and Waldorf Pietertje of Riverside, Chas. D. Pierce to R. F. Schmeiser, Davisville.

Elgin Pauline Mechthilde, J. F. Miller to C. H. Holdridge, Modesto.

Grace De Kol Gerben, J. F. Miller to L. A. Hall, Modesto.

Menlo Pauline Mechthilde, J. F. Miller to C. H. Holdridge, Modesto.

Vesta Mechthilous Pet, J. F. Miller to L. A. Hall, Modesto.

CANADA.

Pietertje Hengerveld Belle, Stevens Bros.-Hastings Co. to L. J. Harwood, Montreal.

Pietertje Hengerveld Fraulein, Stevens Bros.-Hastings Co. to L. J. Harwood, Montreal.

CONNECTICUT.

Maple Hill Iola De Kol, Maple Hill Jane De Kol and Maple Hill Victoria De Kol, J. R. Hatch to Fred M. Smith, Milford.

ILLINOIS.

Duchess Johanna Aaggie, Osa Aunola Aaggie De Kol 3d, Lamar Aaggie Johanna and Parthenea Clothilde Johanna, Fred Trumpy to Clay B. Bridge, Orangeville.

Isabene Pietertje Maid, Oak Grove Rose and Pietertje Rose De Kol, E. C. Hunt to E. S. Smith, Alden.

Hebron Rose, Lady Isabella De Kol and Rose Millet 2d's Daughter, C. C. Hunt to James Hadley, Huntley.

Rose Millet 2d, Rose Millet 3d's Daughter and Rose of Lakeside 2d's Duchess, T. A. Rowe to C. C. Hunt, Hebron.

Alma Marie 4th, Thomas Bros. to G. W. Conn, Jr., Woodstock.

Duchess De Kol Rose, C. C. Hunt to F. N. Turner, Hebron.

Alice of Eveland Marjoram 3d, Betsy Dorothy of Cornelia, Daughter Alice Eve-

land, Flora of Cornella 2d, Hattie Rose of Cornella, Jennie of Eveland Marjoram, Louise Nevada Catrena, Maple Grove Belle De Kol 3d, Marjoram Nevada Catrena and Rose Monica Marjoram 2d, R. E. Starkweather to R. E. Haeger, Algonquin.

Emma C., Thomas Brothers to G. W. Conn, Jr., Woodstock.

Emma Moneta De Kol, Thomas H. Clute to Thomas Bros., Woodstock.

Flip Mercedes 2d, Charles H. Stoller Est. to James Hadley, Huntley.

Flip Netherland, Charles H. Stoller Est. to James Hadley, Huntley.

Hebron De Kol Rose, C. C. Hunt to F. N. Turner, Hebron.

Jessie Aaggie Colantha, Jesse W. Osborn to Harry Schlegel, Spring Valley.

Oak Grove De Kol Rose, C. C. Hunt to F. H. DuVal, Harvard.

Parthenea Dolores, Thomas Bros. to George Baker, Ridgefield.

Pietertje Korndyke De Kol Chief, Arthur Ware to Jessie W. Osborn, Butler.

Pietertje Rose, C. C. Hunt to J. H. Turner & Son, Hebron.

Rose of Lakeside 2d's Duchess, C. C. Hunt to J. H. Turner & Son, Hebron.

IOWA.

Pauline Queen Johanna, John B. Irwin to R. B. Young, Buffalo Center.

KANSAS.

College Gerben Myrtle, Dairy Dept. Kansas Agricultural College to H. Van Leeuwen, Ottawa.

MAINE.

Goldie May Koster, W. P. Mitchell to D. B. Wiley, Greene.

Lady Beckler, W. P. Mitchell to D. B. Wiley, Greene.

MASSACHUSETTS.

Clothilde 2d's Lady, Ethel Alexander 2d, Jantje Mazeppa Kuperus and Princess Douwe Mazeppa, F. P. Knowles to John M. Goodrich, Lee.

Audrey De Kol, Inka Netherland Hijlaard Lass 3d and Kenwood Model, Rankin Bros. to M. T. Carrigan, Concord.

Aaggie Leila Inka Wayne, Alena 4th's Princess, Corinne Clothilde De Kol, De Kol Maplecroft Wayne, Evalena Paul 2d, Gertrude Nixie 3d, Lutske Nixie 3d, Peerless Edgely rl 2d, Pietertje Clothilde De Kol, Rixon Inka Wayne and Skip Inka Clothilde, J. B. Taylor to M. T. Sayles, N. Attleboro.

Constance Pietertje De Kol, Louise Fairfax Clothilde and Princess De Kol Tirania, J. H. D. Whitcomb to A. W. Wescott, Hopedale.

De Kol Maid Pietertje, Levasy Lulu Beauty, Nellie De Kol Tirania and Pauline Artis Paul, J. H. D. Whitcomb to Geo. H. Fitts, South Framingham.

Belle Fairfax's Shepard 2d, Alger Bros. to J. H. D. Whitcomb, Littleton.

Betz Fairfax De Kol, F. P. Knowles to James C. Poor, N. Andover.

Christmas Belle Clothilde, Rankin Bros. to A. M. Mills, West Bridgewater.

Clara Clothilde, J. H. D. Whitcomb to Henry Taber, Brockton.

Daisy Shepard Thyrsa 2d, C. E. Weeden to J. H. D. Whitcomb, Littleton.

Dinah Paulina Clothilde 2d, Medfield Insane Asylum to Samuel D. Guild, Medfield.

Diantha Queen De Kol, F. S. Stone to Thos. W. McNiff, Littleton.

Drosky Leaflet Pauline, Stevens Bros.-Hastings Co. to T. J. Bowlker, Boston.

Ethel Alexander 5th's Cornucopia, C. E. Weeden to J. H. D. Whitcomb, Littleton.

Gladys Soldene, J. H. D. Whitcomb to A. W. Wescott, Hopedale.

Halbe Favorite, J. H. D. Whitcomb to Frank Parker, Dunstable.

Jackson Thelma, Rankin Bros. to W. A. Coggeshall, New Bedford.

Jet Netherland Clothilde, Alger Bros. to J. H. D. Whitcomb, Littleton.

Johanna Beth, C. P. Peck to E. W. Coombs & Son, Bardwells Ferry.

Johanna Lucy De Kol, C. P. Peck to E. W. Coombs & Son, Bardwells Ferry.

Pauline Artis Paul, Frank Monk to J. H. D. Whitcomb, Littleton.

Queen Emily Clothilde De Kol, J. H. D. Whitcomb to J. H. McNamara, Stoughton.

Rosa Bonnibelle Kappijne, J. H. D. Whitcomb to Frank Parker, Dunstable.

Snowdrop De Kol, Stevens Bros.-Hastings Co. to T. J. Bowlker, Boston.

MEXICO.

Lady Tomrose, William Kruse to Ygnacio Morales y Benitez, Pueblo.

Ruth Wayne of Riverside, Charles D. Pierce to Lic. Eriberto Zazueta of Culiacan, Sinaloa.

MICHIGAN.

Agile Colantha, Frank Wessinger to Benjamin I. Wessinger, Howell.

Agile Pietertje, Frank Wessinger to Frank H. Durfee, Howell.

Aagile Pietertje 2d, Frank Wessinger to Frank H. Durfee, Howell.

Carrie Houwtje Lenore, Browning & McPherson to William Bamber, Howell.

Cassiopeia Cornucopia De Kol, Browning & McPherson to William Bamber, Howell.

Chornita Posch, L. K. Beach to H. W. Norton, Howell.

De Cole Bleske Beryl Wayne, Asa N. Benett to J. B. Munsell, Fowlerville.

Lucila Olive, Frank Wessinger to N. L. Rogers, Belleville.

Lucila Olive Pietertje Canary, Frank Wessinger to N. L. Rogers, Belleville.

Midnight Gem De Kol, F. W. Munson to H. W. Norton, Howell.

MINNESOTA.

Opal Caledonia Beets De Kol, E. O. Renz to B. F. Sheppard, Buffalo Lake.

MISSOURI.

Aaggie De Kol Hengerveld, Aaggie Longfield Hengerveld, Johanna Clifden De Kol, Johanna Piebe Longfield, Pauline Aconeth De Kol, Pietertje Johanna Aaggie and Polly Piebe Longfield, M. S. Campbell to B. L. Bean, Cameron.

NNEW HAMPSHIRE.

Paula Twisk De Kol, F. S. Stone to Harland Stearns, W. Rindge.

Susie Twisk De Kol, F. S. Stone to Harland Stearns, W. Rindge.

Van Briseis Pauline, Rankin Bros. to A. M. Hale, Rindge.

Wenonah of Brookside De Kol, F. S. Stone to P. J. Connell, Hudson, Wenonah of Brookside Princess, F. S. Stone to Fred Kimbell, Greenville.

NEW JERSEY.

Idlewild Netherland De Kol, Horace L. Bronson to John Karr, Hackettstown.

Paladin Clothilde Countess, Walter G. Stout to Geo. W. Young, Sidney.

Paladin Vanity, Walter G. Stout to Geo. W. Young, Sidney.

Shadeland McKinley, Geo. G. Brokaw to John V. Huff, Jr., Neshanic Station.

Vivian Clothilde, F. W. Conrade to John F. Harris, Bridgeton.

Wixom Pietertje, A. A. Cortelyou to J. M. Nevius, N. Branch.

NEW YORK.

Clothilde Queen Pietertje, Countess Von Clothilde 2d, and Halo De Kol, Hager Rickard to E. L. Hall, Oneonta.

Dorothea Twisk, Jennie Twisk Pietertje and Molly Wodd Hengerveld, Chas. O. Cross & Sons to E. T. Cross, Johnstown.

Quida De Kol, Princess Buttercup and Zwota De Kol, W. H. Van Riper to John Wright, Nichols.

Bessie May Flower 4th, Czarina Netherland and Dorothy Dodd, Geo. H. Ensign to Horace K. Smith, Nelson.

Lady Pauline Artis Witkop, Pauline Artis Witkop De Kol and Pauline Witkop Nephele, W. H. Carrier to C. F. Corey, Pennellville.

Colie Johanna, Colie Manor, De Kol Kathleen, Orpha Pride De Kol and Pauline Artis Witkop De Kol, C. F. Corey to D. G. Clark & Son, Pennellville.

Coquette De Kol, Grace Pietertje Pride, Lady Greenwood Violet 2d, Laura Belle Boon 2d, Moneta Lady Pietertje, Pearl Nephede Posch, Princess Calamity Spofford and Snowball Calantha 2d, C. F. Corey to C. D. Clark and wife, Pennellville.

Beryl Wayne Monk, Pauline America, Pet Boon 2d and Urmera, L. J. Fitzgerald to John B. Webster, Cortland.

Harriette Rag Apple Pietertje, Lily Edith De Kol Beets and Samantha Edith De Kol Beets, John H. Lidell to J. A. Bayard & J. H. Lidell, Schuyler Lake.

Bewunda Aaggie Last Jewel, Miss Winona Mechthilde and Whittaker Colantha Girl, Harvey S. Day to E. H. Dollar, Heuvelton.

Albino Clothilde Colantha Leila, Sunland Heike and Sunland Peerless, Geo. T. McNeil to Stevens Bros.-Hastings Co., Liverpool.

Aaggie Grace Pietertje Princess 2d, S. C. Brown to Davis Brothers, Clifford.

Aaggie Jewel Pietertje, C. B. Maybury to Horace L. Bronson, Cortland.

Alena Clothilde Hartog Pietertje, John McNeil to Stevens Bros.-Hastings Co., Liverpool.

Almeda Prescott Burke De Kol, C. H. Fitch & Sons to C. L. Banks, New Berlin.

Altoana Pietertje Audra A., Horace L. Bronson to Samuel J. Tilden, New Lebanon.

Beauty Bell Pietertje, John W. Ball to E. L. Talbott, Burlington Flats.

Bloomingdale Hengerveld Palmyra, A. A. Cortelyou to R. W. Hume, Hobart.

Bonnie Bess, George N. Morrow to James T. McBrier, Montgomery.

Brigette of Maple Hill, W. M. Hinsdale to C. F. Corey, and from C. F. Corey to C. E. Snyder, Fulton.

Butter Boy Spofford Lady, C. C. LaGrange to H. C. Swartout, Hartwick Seminary.

Clementine De Kol Alacine, C. W. Hart to Geo. F. Carter, Syracuse.

Coboca Netherland De Kol, Elizabeth L. Wurts to Allan R. Owen, Goshen.

Coriander Paul Queen, Horace L. Bronson to Samuel J. Tilden, New Lebanon.

Daisy Jealousy, Payne & Coats to Arling Cobb, Spring Mills.

De Kol Sprig Lotta, Davis Bros. to Stevens Bros.-Hastings Co., Liverpool.

Elizabeth Wurts De Kol, Elizabeth L. Wurts to Allan R. Owen, Goshen.

Elmira May, Albert Olmstead to Hager Rickard, Cobleskill.

Empress Mercedes Keyes, Theodore Gilmour to C. G. Wallace & Son, Morristown.

Exeter De Kol Pietertje, John W. Ball to M. A. Fenton, and from M. A. Fenton to E. L. Talbot, Burlington Flats.

Fancy Fan Hengerveld Lass, James Leadingham to Stevens Bros.-Hastings Co., Liverpool.

Flossie Korndyke Hengerveld, W. H. DePew to John H. Scott, Auburn.

Hannah De Kol Pietertje, G. Maurice, Greene to Stevens Bros.-Hastings Co., Liverpool.

Heegstra Colantha De Kol, John H. Miller to Horace L. Bronson, Cortland.

Hengerveld De Kol Gem Johanna, L. C. Winsor to Henry Pfeil, Guilford.

Hiske Erma De Kol, E. D. Mackey to Judson L. White, Locke.

Hiske Mabel De Kol, E. D. Mackey to Judson L. White, Locke.

Inka Korndyke, W. H. Hughes to R. D. Lee, Cazenovia.

Inksper Korndyke, Maurice J. Davenport to E. L. Merritt & I. Z. Seeley, West Eaton.

Jennie Lind Jewel, James T. Jewell to E. A. Vandervort, Sidney.

Johanna Mollie Pietertje, Herman Unger to I. J. Foster, and from I. J. Foster to H. L. Bronson, Cortland.

Lady Burke Hartog, Fred Dixon to A. L. Brockway, Auburn.

Lady De Kol of Edgewater, W. R. Selleck to Henry W. Underhill, Jericho.

Lady Kekke Hengerveld, C. W. Loomis to E. H. Dollar, Heuvelton.

Lillie Metjie, J. R. Frost to Rivenburgh Bros., Oneida.

Lilly Neta Korndyke, Davis Brothers to Stevens Bros.-Hastings Co., Liverpool.

Maple Dale May, William E. Jones to J. A. McArthur, Remsen.

Marjorie Pledge De Kol, J. R. Frost to J. Brown, Munnsville.

Mercedes Boon Beauty De Kol, L. J. Fitzgerald to Stevens Bros.-Hastings Co., Liverpool.

Nesho Aaggie Twisk, E. B. Gates to D. P. Chapman, and from D. P. Chapman to Fred L. Booth, and from Fred L. Booth to Spencer Eells, Unadilla.

Oakland Bessie Daughter, Estate of David Garrison to H. L. Low, Wallkill.

Ophelia Beauty, H. D. Risley to I. S. Allen, Hubbardsville.

Pansy Korndyke De Kol, H. H. Waite to W. A. Waite & Son, Adams.

Pauline Artis Kitkop De Kol Lady, W. H. Carrier to John C. Godfrey, Fulton.

Pearl of Savory 2d's Last, Allen Olmstead to Hager Rickard, Cobleskill.

Pietertje Grindetia 2d, A. L. Draper to Stevens Bros.-Hastings Co., Liverpool.

Pietertje Hengerveld Diana, Stevens Bros.-Hastings Co. to Dunham Brothers, Bainbridge.

Pontiac Korndyke Maid, C. W. Loomis to E. H. Dollar, Heuvelton.

Princess Pontiac, S. C. Brown to Davis Bros., Clifford.

Revonna Parthenea Jewel, S. R. Clark to Stevens Bros.-Hastings Co., Liverpool.

Ridgefield Hadria Mercedes, J. T. Howell & Son to Henry M. Lewis, Monroe.

Rosa Aaggie De Kol Clothilde, Minor Gage to Eugene W. Keith, Union.

Ruth Copia, J. R. Frost to Rivenburgh Bros., Oneida.

Star Farm Rozenia Korndyke, Horace L. Bronson to Fred H. Butts, Prattsburgh.

Susan De Kol Hengerveld, James Leadingham to Stevens Bros.-Hastings Co., Liverpool.

Susie Patje Grant De Kol, J. R. Frost to F. D. Adams & Son, Munnsville.

True Hart, Estate of M. S. Bidwell to Joseph L. Honour, and from Joseph L. Honour to J. H. Howland, S. Amenia.

(To be continued.)

TO THE UNINITIATED.

You think that writing is but simple
play;
You think you'd write a poem every
day;
And when you had it penned,
Just graciously condescend
To let some eager editor buy it.
You think that thus you'd soon be rich.
Yea,—
I wish that you would try it—just
try it!

—Selected.

Among special offerings from

The Greenwood Herd Holsteins

Another Son of Prince Ybma Spofford No. 34709

Prince Ybma Spofford, 14th

born July 3, 1907. He is a very fine young bull, very straight and level; he is strong, robust and very handsome, about two-thirds white. Study his breeding and note what a large number of the best animals of the breed are found in his pedigree; also the number of good A. R. O. records.

N. B.—If you are looking for anything that is extra good in Holsteins, write us just what you want, or visit our herd and select for yourself. Either secures a square deal.

GET OUR PRICES, THEY WILL INTEREST YOU.

Prince Ybma Spofford
Individually and in breeding one of the greatest sires of the breed. Dam and sire's dam average 28.20 lbs. butter in 7 days. Best on record age considered. Sire's dam only 3 yrs. 1 mo. 6 days old. 18 young daughters in our herd. Keep watch for them. Dam recently sold for $6000.

De Kol Grace Clothilde Spofford
A. R. O. record at 2 years old, 262.1 lbs. milk, 10.59 lbs. butter in 7 days.
This cow was selected from our herd by a personal buyer, who took 4 grand A. R. O. cows at a large price.

Katy Spofford's Corona's Son
22 A. R. O. daughters, 2 at 3 yrs. old average 21.89 lbs. butter in 7 days. Nearly 90 lbs. each in 30 days.

Ybma 3d's Pledge Clothilde
643.9 lbs. milk, 30.38 lbs. butter in 7 days; 2629.3 lbs. milk, 121.34 lbs. butter in 30 days; 100.5 lbs. milk in 1 day.

Katy Spofford Corona's Son
22 A. R. O. daughters, 2 at 3 yrs. old average 21.89 lbs. butter in 7 days. Nearly 90 lbs. each in 30 days.

De Kol Grace Clothilde 2d
A. R. O. record 498 lbs. milk, 21.93 lbs. butter in 7 days.

Homestead Hengerveld Crown De Kol
9 A. R. O. daughters, 1 son with 2 A. R. O. daughters.

Katy Spofford Corona
Jr. 3-year A. R. O. record, 590.65 lbs. milk, 26.02 lbs. butter in 7 days.

Pledge 3d Clothilde
4 A. R. O. daughters, 3 average over 20 lbs.

Ybma 3d
Sister to dam of the great Paul Beets De Kol with 79 A. R. O. daughters.

Homestead Hengerveld Crown De Kol
9 A. R. O. daughters, 1 son with 22 A. R. O. daughters.

Katy Spofford Corona
Held Jr. 3-yr. old record for 7 yrs., 590.65 lbs. milk, 26.02 lbs. butter in 7 days.

De Kol 2d's Butter Boy 3d
51 A. R. O. daughters.
Dam's record, 26.57 lbs.

De Kol Grace Clothilde
A. R. O. at 3 yrs old 467.3 lbs. milk, 15.6 lbs. butter in 7 days.

E. H. Knapp & Son R. F. D. 2 **Fabius, N. Y.**

A GRANDDAUGHTER of De Kol 2nd's Paul De Kol, the greatest son of De Kol 2nd, founder of the De Kols, is offered for sale. She is a fine individual, is 4 years old and a deep milker, although has lost one quarter. She was bred to King Pontiac Calypso Korndyke, June 13, 1907. Would sell for about what the calf she carries is worth.

Address. **W. L. KEYES, Valley View Farm, DEERFIELD, N. Y.**

"Head Your Herd With The Best"

They Cost But Little More

If you want a son of a 22½-lb. 2-yearold, a 23½-lb. 3-year old, a 25-lb. 4-year old, a 26½-lb. cow or a 29¼-lb. 4-yearold, all by great sires, you can secure them at reasonable prices from theLakeside Herd, where such are bred; also females of the same class, all ages.

E. A. POWELL. 904 W. Genesee St., SYRACUSE, N. Y.

SPECIAL NOTICE Our cows are now just beginning to freshen, and we expect to test and retest them as fast as they are in condition. We *shall sell* all our bull calves, a few butter calves and 25 A. R. O. cows. Our aim is to make our prices correspond with cattle selected. We invite inspection.

LOCUST HEDGE STOCK FARM
KIRKVILLE, N. Y.

Gem Herd Holstein-Friesian Cattle

AT ITS HEAD

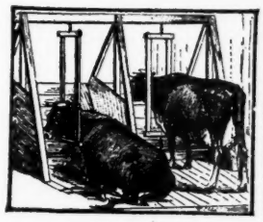
Gem Hengerveld De Kol Butter Boy, 86397

Sire, Hengerveld De Kol, 67 A. R. O. daughters Dam's sire, Lord Netherland De Kol, also 67 A. R. O. daughters.

Sons and daughters, and cows in calf to this great sire, for sale.

J. G. DRAKE, Somerville, N. J.

WARRINER'S CHAIN HANGING STANCHION



Gives animals perfect freedom; Absolutely no chafing. Thousands have testified to its simplicity, completeness and durability, among them Ex-Governor Hoard of Wisconsin and I. B. Calvin, Vice President State Dairyman's Association, Kewanee, Ind. The latter says: "I think them perfect." The purchaser takes no risk as the Stanchions are shipped subject to 30 days' trial in your own stable. Send for descriptive pamphlet.

W. B. CRUMB, Brown Street, Forestville, Conn.

BULL BARGAINS

No. 1—Dijkstra Johanna Lad, 37966. A show bull from the ground up; backed by good A. R. O. records.

No. 2—King Johanna Mercedes Paul, 47-895, a fine yearling, backed by large A. R. O. records on both sides.

No. 3—Cornucopia Hengerveld De Kol, 49221, one of the richest bred bulls of the breed.

Write today for prices and pedigrees.

H. M. LYON & SON

WYALUSING, PA

In writing to advertisers mention the WORLD.

SUNRISE HERD offers for $100 Jucunda Echo Alban, born Jan 12, 1906, combining in a perfect show bull the blood of Echo, Jewel, Colantha and Mechthilde with De Kol 2nd's Butter Boy, Inka Princess' Pietertje Netherland, Paul Beets De Kol and Artis Adiantum's Clothilde. If you want a bull for show or breeding, come and see his sire and dam, all for sale.

RALPH CORBIN, Bainbridge, N. Y.

PEDIGREES COMPILED.

I will send you a neatly typewritten pedigree showing three generations of ancestors, together with a carbon duplicate of the same, for 50 cents each or $5.00 a dozen. This is cheaper and more satisfactory than you can do it yourself. One prominent breeder writes:—

"My dear Mr. Kinne:

The pedigrees are here before me and to say that I am satisfied with them is putting it mildly. I now know just where I stand, and if I get a buyer here am prepared to talk **breeding** to him. I have a four-year-old cow here that it will take $300·00 to buy now. I would have sold her for $150.00 before I received your pedigrees. I am enclosing $10.00 for two dozen pedigrees as per enclosed sheet. I like the carbon copies very much. They are good to send in reply to inquiriers."

Just send registry number of animal and enclose fee to pay for same and you will get your pedigrees promptly.

H. E. KINNE **Cortland, N. Y.**

Hillcrest Butter-Bred Holsteins

A Few Choice Cows and Bred Heifers at Attractive Prices. Send for bull calf catalogue.

BERRY LUCAS

Greenwood, Mo.

CROWN HERD

I now offer a very fine bull calf, five months old, more black than white, nicely marked, and a good handler in every way. His dam has an A. R. O. record of 16.02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs. of milk in 4 months. Calf's sire, Homestead Hengerveld Crown De Kol, No. 26345.

I. J. FOSTER - - - Cortland, N. Y.

NOTICE TO HOLSTEIN BREEDERS

Owing to the demand for Bull Calves from "THE FAMOUS $10,000 MILK AND BUTTER KING," the undersigned will receive orders for males for conditional future delivery, bred from a selected list of pedigreed dams, that will be submitted with prices.

Address

The David Harum Stock Farm, Homer, N. Y. and Oakhurst Farm, Auburn, N. Y.

In writing to advertisers mention the WORLD.

THE CLARK FARM HERD

GENIE CLOTHILDE NO. 48097 RECENT OFFICIAL RECORD

One day test 95.1 lbs. milk, 4.642 lbs. fat and 5.803 lbs. butter.

Seven day test 639.4 lbs. milk, 24.037 lbs. fat and 30.046 lbs. butter.

Thirty day test 2,601.2 lbs. milk, 93.156 lbs. fat and 116.445 lbs. butter.

BEST WORLD'S OFFICIAL RECORD OF ALL BREEDS FOR ONE DAY'S BUTTER PRODUCTION

The Clark Farm Herd is headed by PONTIAC CHIRON No. 39423 one of the best sons of Hengerveld De Kol and out of Inka Darkness 2nd's Queen No. 40182 with a record of 492.20 lbs. milk and 25.70 lbs. butter in seven days with average butter fat of 4.17. Two sisters of this bull on the dam's side have recently made records, one at four years of 26.39 lbs. and another at three years of 20.59 lbs. butter in seven days.

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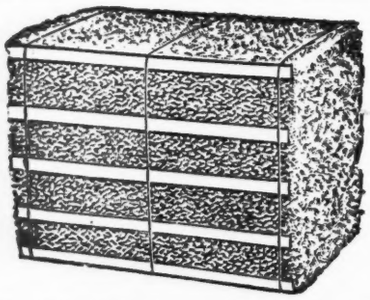

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